

# **EXTERNAL ACCESS DOORS**

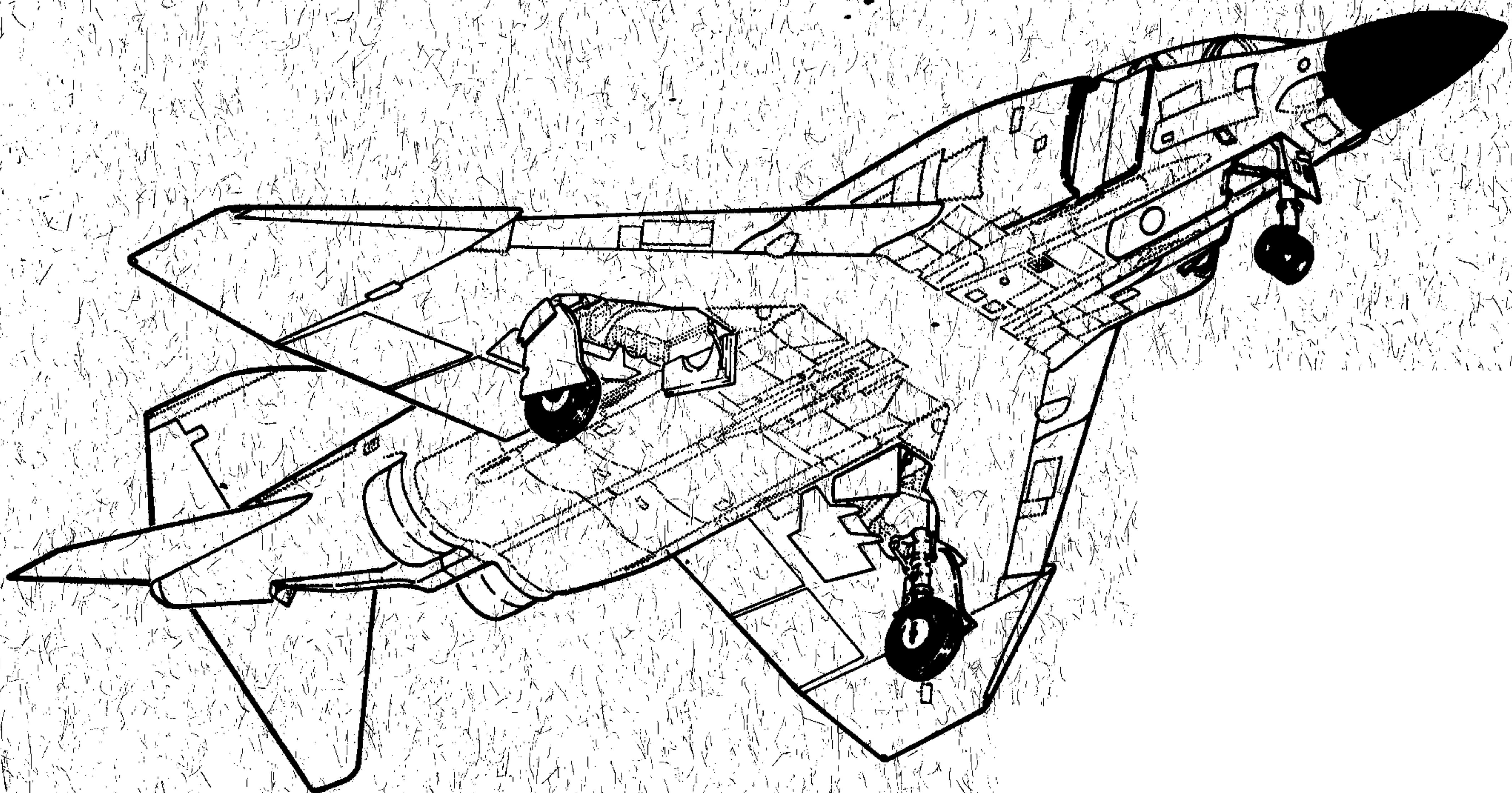
**(F-4B)**

**(RF-4B)**

**(RF-4C)**

**(F-4D) (TYPICAL FOR F-4C)**

**(F-4J)**



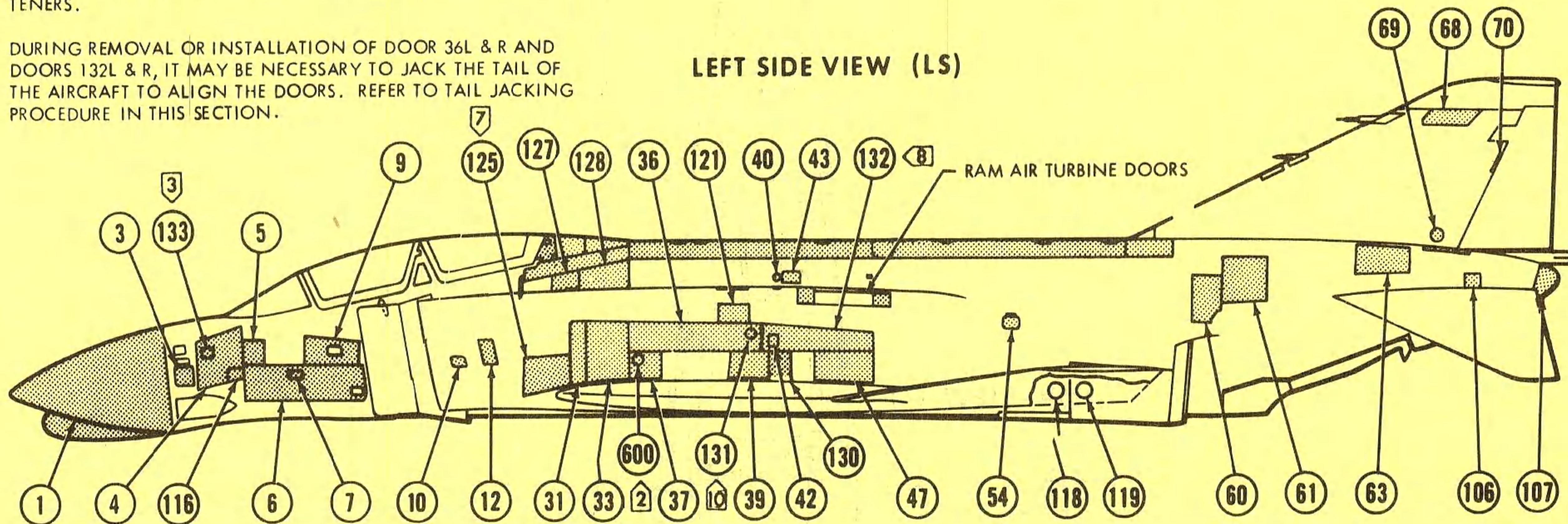
**MCDONNELL**

# EXTERNAL ACCESS DOORS (F-4B)

TDDR-50  
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## CAUTION

- 1 BEFORE FLIGHT, ALL FASTENERS ON ALL ACCESS DOORS MUST BE PROPERLY INSTALLED AND TIGHTENED. GUARD AGAINST ANY MISSING, DEFECTIVE, BROKEN, OR IMPROPERLY INSTALLED FASTENERS.
- 2 DURING REMOVAL OR INSTALLATION OF DOOR 36L & R AND DOORS 132L & R, IT MAY BE NECESSARY TO JACK THE TAIL OF THE AIRCRAFT TO ALIGN THE DOORS. REFER TO TAIL JACKING PROCEDURE IN THIS SECTION.

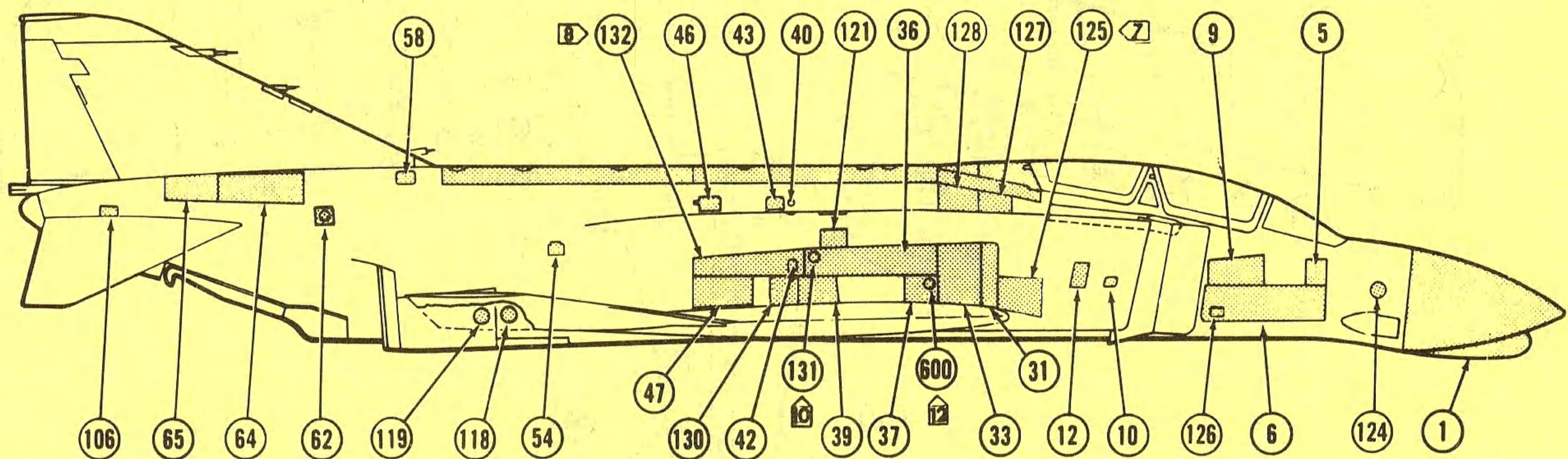


## NOTES

- 1 F-4B AIRCRAFT 148363f THROUGH 148386f
- 2 F-4B AIRCRAFT 148363f THROUGH 149474k UPON INCORPORATION OF ASC 114.
- 3 F-4B AIRCRAFT 148363f THROUGH 149450j UPON INCORPORATION OF ASC 119 AND 149451k AND UP
- 4 F-4B AIRCRAFT 148363f THROUGH 149474k
- 5 F-4B AIRCRAFT 148363f THROUGH 151472r
- 6 F-4B AIRCRAFT 148363f THROUGH 151497s
- 7 F-4B AIRCRAFT 148387g AND UP
- 8 F-4B AIRCRAFT 149403i AND UP
- 9 F-4B AIRCRAFT 149451k AND UP
- 10 F-4B AIRCRAFT 150406L AND UP
- 11 F-4B AIRCRAFT 151427q AND UP
- 12 F-4B AIRCRAFT 151473s AND UP
- 13 F-4B AIRCRAFT 152207t AND UP
- 14 F-4B AIRCRAFT 148363f THRU 152272v

## NOTES

- ▲ DOOR HAVING FASTENERS OF THE SAME DIAMETER WITH DIFFERENT LENGTHS REQUIRING INSTALLATION IN SPECIFIC HOLES ARE ILLUSTRATED SEPARATELY. REFER TO ACCESS DOOR FASTENER PATTERNS.
- \* HI-TORQUE FASTENERS. REMOVE AND INSTALL ONLY WITH PROPER ADAPTER. REFER TO HI-TORQUE FASTENERS REMOVAL AND INSTALLATION.
- \*\* DOORS WHICH MUST BE INSTALLED OR REPLACED WITH STRESS FRAMES TO ACCOMPLISH CERTAIN MAINTENANCE OPERATIONS. REFER TO MINIMUM STRUCTURAL ACCESS DOOR REQUIREMENTS.



**RIGHT SIDE VIEW (RS)**

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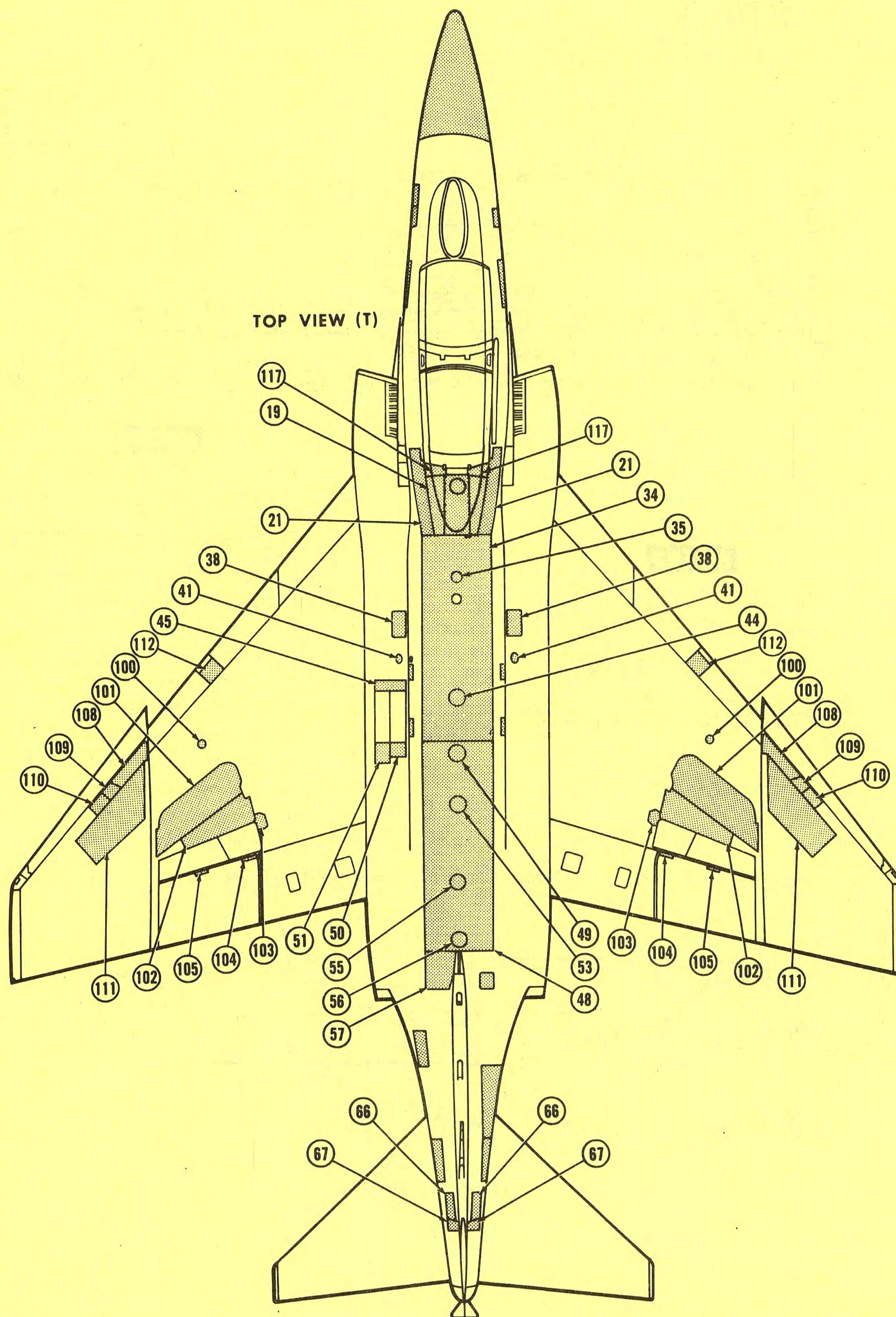
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3 RH

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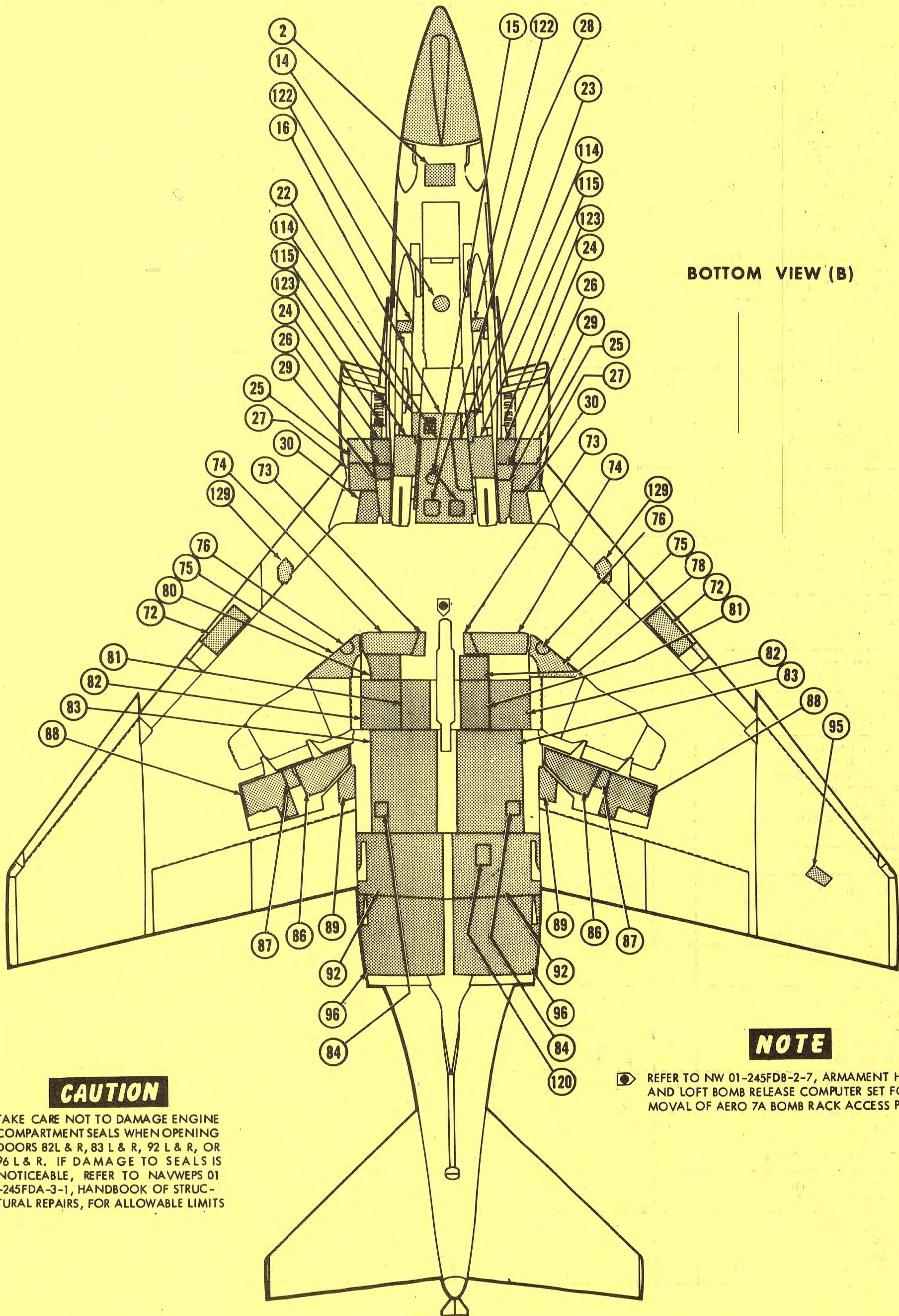
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BOTTOM VIEW (B)

**CAUTION**

TAKE CARE NOT TO DAMAGE ENGINE COMPARTMENT SEALS WHEN OPENING DOORS 82L & R, 83L & R, 92L & R, OR 96L & R. IF DAMAGE TO SEALS IS NOTICEABLE, REFER TO NAVWEPS 01-245FDA-3-1, HANDBOOK OF STRUCTURAL REPAIRS, FOR ALLOWABLE LIMITS

**NOTE**

REFER TO NW 01-245FDB-2-7, ARMAMENT HANDLING AND LOFT BOMB RELEASE COMPUTER SET FOR REMOVAL OF AERO 7A BOMB RACK ACCESS PANEL.

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DOOR NO.	EQUIPMENT	VIEW	DOOR FASTENERS
1	(a) AMCS AERO 1A (b) G-LIMITING ACCELEROMETER AN/ASA-32 (c) FLIGHT DIRECTOR SIGNAL ADAPTER AN/AJB-3 (d) FREQUENCY CONTROL BOX (c) RAIN REMOVAL SYSTEM COMPONENTS (d) EMERGENCY L.G. EXTENSION AIR BOTTLES (e) EMERGENCY BRAKE AIR BOTTLES (f) VARIABLE RAMP CONTROL AMPLIFIERS (g) RADAR PRESSURE REDUCER VALVE (h) RADAR HYDRAULIC FILTER (i) EXTERNAL LIGHTS FLASHER	LS RS	REFER TO RADOME OPENING PROCEDURE
2	(a) ADF ANTENNA	B	AN509-10R12 SCREW (43)
3	(a) ANGLE OF ATTACK TRANSMITTER	LS	AN509-10R9 SCREW (18)
4 **	(a) AMCS AERO 1A ELECTRICAL CONNECTORS (b) AMCS AERO 1A TEST RECEPTACLES (c) RADAR MODULATOR MD-469/APA-157	LS	AN509-10R11 SCREW (64)
5L **	(a) DIRECTIONAL COUPLER AN/APA-128 (a) DIRECTIONAL COUPLER AN/APA-157	LS	AN509-10R12 SCREW (42)
5R **	(a) EMERGENCY VENT VALVE (b) CAUTION LIGHTS CONTROL UNIT	RS	AN509-10R12 SCREW (42)
6L	(a) EQUIPMENT REFRIGERATION UNIT (b) POWER DIVIDER	LS	AN509-10R13 SCREW (84) NAS333CFA-4.5 SCREW (2)
6R	(a) CABIN REFRIGERATION UNIT (b) POWER DIVIDER	RS	AN509-10R13 SCREW (83)
7	(a) EMERGENCY CANOPY JETTISON HANDLE	LS	HINGED H7200S1-LATCH
9L **	(a) THROTTLE QUADRANT (b) PILOT'S ANTI-G VALVE (c) L H CONSOLE ACCESS (d) THROTTLE QUADRANT TELESCOPIC UNIT (e) CANOPY SEAL BLEED AIR FILTER (f) RAM AIR TURBINE SELECTOR VALVE	LS	AN509-10R-11 SCREW (76) AN509-416R-13 SCREW (3)
9R **	(a) CABIN TEMP CONTROLLER (b) CAUTION LIGHTS CONTROL UNIT (c) R H CONSOLE ACCESS	RS	AN509-10R-11 SCREW (76) AN509-416R-13 SCREW (4)
10L	(a) BELLMOUTH STATIC PORT LINE	LS	NAS333CFA5 (22)
10R	(a) BELLMOUTH STATIC PORT LINE	RS	NAS333CFA5 (22)
12L	(a) BELLMOUTH PITOT PROBE AND HEATER	LS	NAS333CFA-6-5 SCREW (41) ▲ 3 9
12R	(a) BELLMOUTH PITOT PROBE AND HEATER	RS	NAS333CFA-6-5 SCREW (41) ▲ 3 9
14	(a) LOWER IFF - TACAN 5 (b) LOWER TACAN ANTENNA 12	B	AN507B832R8 SCREW (24)
15	(a) HYD RESERVOIR FLUID LEVEL INDICATOR (UTILITY)	B	9M142-300-4 ASSY. (1)
16	(a) CANOPIES EMER. JETTISON AIR BOTTLES AND PRESSURE GAGES (b) LIQUID OXYGEN CONVERTER		AIRLOC FASTENERS (17)

DOOR NO.	EQUIPMENT	VIEW	DOOR FASTENERS
16 CONT	(c) LIQUID OXYGEN FILLER, BUILD-UP AND VENT VALVE (d) PITOT STATIC DRAINS AND TEST FITTINGS (e) ADC FILTER, WATER TRAP AND TEST FITTING		
19 **	(a) NO. 1 FUEL CELL (b) NO. 1 FUEL QUANTITY TANK UNIT AND LOW LEVEL SENSOR (c) REFUELING LEVEL CONTROL VALVE (d) TRANSFER LEVEL CONTROL VALVE (e) UPPER FUSELAGE LIGHT TRANSFORMER (f) IFF ANTENNA 12	T	HINGED AIRLOC FASTENERS (49)
21 L & R **	(a) STABILATOR AND RUDDER CONTROL BELLCRANK	T	AN509-10R13 SCREW (117)
22 **	(a) HYD SOLENOID-OPERATED SELECTOR VALVES MANIFOLD (b) HYD RESERVOIR (UTILITY) (c) AIR COMPRESSOR (HIGH PRESS. PNEUMATIC SYSTEM) (d) PRESS. TRANSMITTER (HIGH PRESS. PNEUMATIC SYSTEM) (e) CHEMICAL DRIERS (HIGH PRESS. PNEUMATIC AND ELECTRONIC EQUIP PRESSURIZATION SYSTEMS) (f) MOISTURE SEPARATOR (HIGH PRESS. PNEUMATIC SYSTEM) (g) NO. 1 FUSELAGE FUEL TANK (h) NO. 1 FUEL QUANTITY TANK UNIT (LOWER) AND COMPENSATOR (i) FUEL BOOST PUMPS (j) L & R ENGINE FUEL STRAINERS (k) L & R ENGINE SHUT-OFF VALVES (l) L & R WING TANK PRESS. REGULATOR (m) L & R WING TANK PRESS. VACUUM RELIEF VALVE (n) REFUELING SHUT-OFF VALVE (o) DEFUELING SHUT-OFF VALVE (p) EXTERNAL CENTERLINE TANK PRESS. REGULATOR (q) EXTERNAL CENTERLINE TANK FUEL FLOW SWITCHES (r) EXTERNAL CENTERLINE TANK SHUT-OFF VALVE (s) L & R WING FUEL LEVEL CONTROL VALVE (t) HYDRAULIC/FUEL RADIATORS (u) HYD FILTER (UTILITY SUB-SYSTEM RET) (v) RELIEF VALVE, UTILITY HYD SYSTEM (w) AIR FILTER (AIR COMPRESSOR AND EQUIP PRESS. SYSTEM) (x) SPEED BRAKE BY-PASS SELECTOR VALVE (y) ABSOLUTE PRESS. REGULATORS AIR COMPRESSOR AND EQUIP PRESS. SYSTEM) (z) RELIEF VALVE, ELECTRONIC EQUIP PRESS. SYSTEM (aa) UTILITY HYD SYSTEM PRESS. TRANSMITTER, FUSE, AND SNUBBER.	B	HINGED ▲
23 **	(a) UTILITY HYD SYSTEM ACCUMULATOR GROUND AIR CHARGE VALVE AND PRESS GAGE (b) UTILITY HYD SYSTEM EXTERNAL POWER RECEPTACLES (PRESS., RETURN, AND RESERVOIR FILLER) (c) FUEL TANKS EXTERNAL PRESSURIZATION AIR CONTROL (d) UTILITY HYDRAULIC SYSTEM 4 (e) UTILITY SYSTEM RELIEF VALVE 10 MANIFOLD	B	HINGED AIRLOC FASTENERS (13)

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DOOR NO.	EQUIPMENT	VIEW	DOOR FASTENERS
24 L & R	(a) (L) EMERG L G PRESS. OPERATED DUMP VALVE (b) (L) EXT PWR TRANS-RECTIFIER (c) HYD FILTERS (2) BELLMOUTH ACTUATOR, SHOCK CONTROLLER, AND VARIABLE RAMP SERVO ACTUATORS. (d) (R) LOWER FUS LT TRANSFORMER (BRIGHT)	B	AN509-10R13 SCREW (33)
25 L & R	(a) LOWER FUSELAGE LIGHT TRANSFORMER (b) LOWER FUSELAGE (DIM) LIGHT TRANSFORMER (c) (R) TRANSMITTER ANTENNA APN-141 $\langle 13 \rangle$ (d) (L) RECEIVER ANTENNA APN-141 $\langle 13 \rangle$	B	AN509-10R15 SCREW (43)
26 L & R	(a) (L) EXT ELECT POWER RECEPTACLE (b) (R) GROUND REFUELING RECEPTACLE	B	HINGED AIRLOCK FASTENERS (7)
27 L & R	(a) RECEIVER-TRANSMITTER APN-141 $\langle 13 \rangle$ (b) RF SWITCHING UNIT APN-141 $\langle 13 \rangle$ (c) UTILITY HYDRAULIC SYSTEM ACCUMULATOR $\langle 4 \rangle$	B	AN509-10R13 SCREW $\langle 41 \rangle$ R AN509-10R13 SCREW $\langle 44 \rangle$ L
28 L & R	(a) (L & R) STRAINER REPLACEMENT ELBOW DRAIN (b) (L) NO. 1 FUS FUEL TANK MANUAL (c) (R) HIGH PRESS. PNEUMATIC SYSTEM GROUND AIR CHARGE VALVE AND PRESS. GAGE (d) (L) HIGH PRESS. PNEUMATIC SYSTEM AIR COMPRESSOR OIL LEVEL SIGHT GAGE	B	HINGED AIRLOC FASTENERS (10)
29 L & R	(a) FWD MISSILE CAVITY AFT DOOR LINKAGE AND ATTACH SCREW	B	AN509-10R15 SCREW (41)
30L	(a) EMERGENCY FLAP AIR BOTTLE (b) LEADING EDGE BLC SHUT-OFF VALVE $\langle 4 \rangle$ (c) EMERGENCY FLAP AIR BOTTLE $\langle 4 \rangle$	B	AN509-10R15 SCREW (41)
30R	(a) LEADING EDGE BLC SHUT - OFF VALVE (b) CANOPY NORMAL AIR BOTTLE	B	AN509-10R15 SCREW (41)
31L	(a) LANDING GEAR HYD LINES (b) BELLMOUTH HYD LINES	LS	AN509-10R12 SCREW (52)
31R	(a) LANDING GEAR HYD LINES (b) BELLMOUTH HYD LINES	RS	AN509-10R12 SCREW (52)
33L	(a) UTILITY SYSTEM HYDRAULIC $\langle 10 \rangle$ ACCUMULATOR (b) BELLMOUTH CONTROLLER (c) LATERAL CONTROLS BELL-CRANK (d) BELLMOUTH SYSTEM AIR FILTER	LS	AN509-10R13 SCREW (107)
33R	(a) BELLMOUTH CONTROLLER (b) LATERAL CONTROLS BELL-CRANK (c) BELLMOUTH SYSTEM AIR FILTER	RS	AN509-10R13 SCREW (107)
34 **	(a) CONTROL CABLES (b) NO. 2 FUSELAGE FUEL TANK (c) NO. 3 FUSELAGE FUEL TANK (d) TRANSFER PUMP PRESS. SWITCH (e) TRANSFER LEVEL CONTROL VALVE (f) REFUELING LEVEL CONTROL VALVE (g) DRAG CHUTE TURNBUCKLE (h) UPPER FUSELAGE LIGHT TRANSFORMER (i) UPPER IFF-TACAN ANTENNA $\langle 5 \rangle$ (j) UPPER TACAN ANTENNA $\langle 12 \rangle$	T	NAS334CFA-6 (314) NAS333CFA-11 (2) NAS334CFA5-5 (314) $\langle 6 \rangle$

DOOR NO.	EQUIPMENT	VIEW	DOOR FASTENERS
35	(a) NO. 2 FUEL QUANTITY TANK UNIT	T	NAS334CFA5-5 SCREW (15) 294347-5-8 SCREW (1)
36L **	(a) PC I HYDRAULIC SYSTEM FUSE AND SNUBBER (b) PC I HYDRAULIC PRESSURE SWITCH (c) UTILITY HYDRAULIC PRESSURE SWITCH $\langle 4 \rangle$ (d) UTILITY HYDRAULIC PUMP CASE DRAIN FILTER $\langle 2 \rangle$ (e) UTILITY HYDRAULIC PRESSURE FILTER $\langle 10 \rangle$	LS	▲
36R **	(a) PC II HYDRAULIC SYSTEM FUSE AND SNUBBER (b) PC II HYDRAULIC PRESSURE SWITCH (c) UTILITY HYDRAULIC PRESSURE SWITCH $\langle 4 \rangle$ (d) UTILITY HYDRAULIC PUMP CASE DRAIN FILTER $\langle 2 \rangle$ (e) UTILITY HYDRAULIC PUMPS CASE DRAIN DUAL FILTER $\langle 10 \rangle$	RS	▲
37L	(a) LATERAL CONTROLS BELL-CRANK (b) MISC HYD LINES (c) PC-I HYDRAULIC PRESSURE TRANSMITTER	LS	▲
37R	(a) LATERAL CONTROLS BELL-CRANK (b) MISC HYD LINES ACCESS (c) PC-II HYDRAULIC PRESSURE TRANSMITTER	RS	▲
38 L & R	(a) BELLMOUTH BELLCRANK	T	NAS333CFA5-5 SCREW (27) NAS334CFA6-5 SCREW (24)
39L	(a) BELLMOUTH BELLCRANK (b) LATERAL CONTROLS BELL-CRANK	LS	▲
39R	(a) BELLMOUTH BELL CRANK (b) LATERAL CONTROLS BELL-CRANK	RS	▲
40L	(a) FORWARD TOP ENGINE MOUNT	LS	9M142-250-5 ASSY (1)
40R	(a) FORWARD TOP ENGINE MOUNT	RS	9M142-250-5 ASSY (1)
41 L & R	(a) FWD. TOP ENG. MOUNT INSPECTION	T	9M142-350-5 ASSY (1)
42L	(a) FORWARD SIDE ENGINE MOUNT	LS	SEE SHEET 9 FOR DETAIL
42R	(a) FORWARD SIDE ENGINE MOUNT	RS	SEE SHEET 9 FOR DETAIL
43L	(a) HYDRAULIC LINES	LS	NAS333CFA5 SCREW (26)
43R **	(a) HYDRAULIC LINES	RS	NAS333CFA5 SCREW (26)
44	(a) NO. 3 FUEL QUANTITY TANK UNIT	T	NAS334CFA5-5 SCREW (15) 294347-5-8 SCREW (1)
45 **	(a) EMERGENCY HYDRAULIC PRESSURE REGULATOR (b) RAM AIR TURBINE DOOR MECHANISM (c) RAM AIR TURBINE PNEUMATIC SEQUENCE VALVES	T	NAS333CFA5 SCREW (61)
46 **	(a) HYDRAULIC LINES (b) PITOT LINE DRAIN $\langle 11 \rangle$	RS	▲
47L	(a) LATERAL CONTROLS BELL-CRANK	LS	NAS333CFA5-5 SCREW (65) NAS334CFA6 SCREW (2)
47R	(a) LATERAL CONTROLS BELL-CRANK	RS	NAS333CFA5-5 SCREW (63) NAS334CFA6 SCREW (2)

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DOOR NO.	EQUIPMENT	VIEW	DOOR FASTENERS
48 **	(a) CONTROL CABLES (b) NO. 4 FUSELAGE FUEL TANK (c) NO. 5 FUSELAGE FUEL TANK (d) NO. 6 FUSELAGE FUEL TANK (e) HYD. OPERATED FUEL TRANSFER PUMPS (f) ELEC. OPERATED FUEL TRANSFER PUMPS (g) TRANSFER PUMP PRESS. SWITCHES (h) FUSELAGE FUEL TANKS PRESS. REGULATOR (i) REFUELING LEVEL CONTROL VALVE (j) AIR FLOW REGULATOR (k) FUSELAGE FUEL TANKS PRESS. VACUUM RELIEF VALVE	T	NAS334CFA5-5 SCREW (268)
49	(a) FUEL TRANS PUMPS HYD SELECTOR VALVE	T	NAS334CFA5-5 SCREW (17) 294347-5-8 SCREW (1)
50 **	(a) RAM AIR TURBINE ACTUATOR	T	NAS333CFA5 SCREW (18) 294346-5-8 SCREW (1)
51 **	(a) RAM AIR TURBINE EMERGENCY GENERATOR (b) RAM AIR TURBINE ACTUATOR	T	NAS333CFA5 SCREW (37)
53	(a) NO. 4 FUEL QUANTITY TANK UNIT	T	NAS334CFA-5-5 SCREW (17) 294346-5-8 SCREW (1)
54L	(a) OUTBD UPPER TANGENTIAL ENG MOUNT BRACE	LS	AIRLOC FASTENERS (6)
54R	(a) OUTBD UPPER TANGENTIAL ENG MOUNT DISC	RS	AIRLOC FASTENERS (6)
55	(a) NO. 5 FUEL QUANTITY TANK UNIT	T	NAS334CFA-5-5 SCREW (17) 294347-5-8 SCREW (1)
56	(a) NO. 6 FUEL QUANTITY TANK UNIT	T	NAS334CFA-5-5 SCREW (17) 294347-5-8 SCREW (1)
57 **	(a) FUSELAGE FUEL TANKS' PRESS. VACUUM RELIEF VALVE (b) ELECTRIC FUEL TRANSFER PUMP	T	NAS334CFA6 SCREW (51) NAS335CFA6-5 SCREW (2)
58	(a) ELECTRICAL (b) HYDRAULICS	RS	NAS334CFA6 SCREW (23)
60	(a) AFT FUSELAGE COOLING AIR DUCTS (b) ARRESTING GEAR ACTUATOR	LS	NAS333CFA5-5 SCREW (44)
61	(a) ARRESTING GEAR CYLINDER (b) STABILATOR FEEL SYSTEM (c) TRIM ACTUATOR RELAY PANEL (d) RUDDER FEEL SYS SELECTOR VALVE	LS	AN509-416R13 SCREW (55)
62	(a) ARRESTING GEAR HYDRAULIC OIL SERVICING AND AIR CHARGE VALVE AND PRESSURE GAGE	RS	HINGED AIRLOC FASTENERS (2)
63	(a) HYD FILTER (PC1 STAB. PWR CYL) (b) STABILATOR POWER CYLINDER (c) HYD FILTER (UTILITY SYS- RUDDER POWER SUBSYSTEM) (d) RUDDER FEEL SYSTEM (e) ARI HYDRAULIC SERVO	LS	AN509-416R13 (60) AN509-516R12 (2)
64	(a) PC II HYDRAULIC FILTER (b) UTILITY HYDRAULIC FILTER (c) STABILATOR FEEL TRIM BALANCE ASSY (d) DRAG CHUTE PULLEYS AND CABLES (e) ARRESTING HOOK PULLEYS AND CABLES (f) AILERON-RUDDER INTERCONNECT CONTROL AMPLIFIER	RS	AN509-416R13 SCREW (84)

DOOR NO.	EQUIPMENT	VIEW	DOOR FASTENERS
64 CONT	(g) STABILATOR CONTROL TORQUE TUBE AND CABLES (i) STABILATOR VISCOUS DAMPER (j) STABILATOR FEEL TRIM ACTUATOR AND RELAY PANEL (k) STABILATOR FORCE LINK COMPONENTS		
65	(a) RUDDER FEEL SYSTEM (b) STABILATOR POWER CYLINDER	RS	AN509-416R13 SCREW (60) AN509-516R12 SCREW (2)
66 L & R	(a) (R) RUDDER DAMPER (b) (L) RUDDER ACTUATOR (c) ARI HYDRAULIC SERVO	T	NAS334CFA6 SCREW (23) NAS335CFA10 SCREW (8)
67 L & R	(a) (R) RUDDER DAMPER (b) (L) RUDDER ACTUATOR (c) RUDDER COUNTERBALANCE WEIGHT (d) RUDDER POSITION TRANSMITTER	T	NAS333CFA5 SCREW (12) NAS334CFA7 SCREW (3)
68	(a) UHF COMMUNICATIONS ANTENNA (b) TAIL LIGHT TRANSFORMER	LS	AN509-10R12 SCREW (39)
69	(a) RUDDER ACTUATOR ATTACH BOLT (b) RUDDER DAMPER ATTACH BOLT	LS	AN509-10R10 SCREW (8)
70	(a) RUDDER ROTARY DAMPER	LS	AN509-10R9 SCREW (3)
72 L & R **	(a) LEADING EDGE FLAP ACTUATOR	B	
73 L & R 74 L & R **	(a) ENGINE DISCONNECTS - HYDRAULIC PUMP LINES (b) ENGINE DISCONNECTS - FORWARD DRAIN LINES (c) (L) EXTERNAL STORES AIR AND FUEL DISCONNECTS (d) EXTERNAL STORES FWD SWAY BRACES (e) (L) SPECIAL STORES WIRING ACCESS (f) (L) PC-I AND UTILITY HYDRAULIC PUMPS (g) TRANSFER GEARBOX SCAVENGE PUMP (h) EXTERNAL TANK FUEL FLOW SWITCHES (i) WING FUEL TRANSFER LOW LEVEL VALVE (j) AN/APA-157 POWER DIVIDER (k) FUEL BOOST PUMP PRESSURE TRANSMITTER (l) UTILITY HYDRAULIC PRESSURE SWITCH (m) FUEL BOOST PUMP PRESSURE TRANSMITTER (n) (R) EXTERNAL STORE PULL ROD FITTING AND ELECTRICAL DISCONNECT (o) (R) EXTERNAL CL TANK PRESSURE-VACUUM RELIEF VALVE (p) (R) PC-II AND UTILITY HYDRAULIC PUMPS	B	HINGED AIRLOC FASTENERS (27)
75 L & R **	(a) INTERMEDIATE FUEL QUANTITY UNIT (b) (L) HYD FILTER (PC I RETURN) (c) (R) HYD FILTER (PC II RETURN) (d) (L) PC I SYSTEM ACCUMULATOR AND RESERVOIR IN-LINE RELIEF VALVE (e) (R) PC II SYSTEM ACCUMULATOR (f) (L) PC I RESERVOIR (g) (R) PC II RESERVOIR (h) (R) RA PSEUDO SIGNAL HORN (i) (L) LA PSEUDO SIGNAL HORN	B	HINGED AIRLOC FASTENERS (12) *NAS584-4 SCREW (19)

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DOOR NO.	EQUIPMENT	VIEW	DOOR FASTENERS
76 L & R	(a) (L) PC-I RESERVOIR FLUID LEVEL INDICATOR (b) (R) PC-II RESERVOIR FLUID LEVEL INDICATOR	B	HINGED AIRLOC FASTENERS (3)
78	(a) LEFT ENGINE DISCONNECTS - HYDRAULIC PUMP LINE (b) LEFT ENGINE DISCONNECTS - FORWARD DRAIN LINES (c) TACHOMETER GENERATOR (d) FORWARD BOMB RACK HOOK SEAR (e) BOMB RACK SUPPORT PIN (f) LEFT ENGINE MAIN FUEL PUMP	B	HINGED AIRLOC FASTENERS (13)
80 **	(a) ENGINE ACCESSORIES	B	HINGED AIRLOC FASTENERS (14)
81L	(a) ENGINE OIL SERVICING (3) (b) ENGINE FUEL CONTROL THROTTLE (c) ENGINE MAIN FUEL PUMP (d) TACHOMETER GENERATOR (e) ENGINE FUEL FLOW TRANSMITTER (f) AUXILIARY AIR DOOR ACTUATOR (g) AUXILIARY AIR DOOR SELECTOR VALVES (h) AFT 30" RACK HOOK SEAR (i) EXTERNAL STORES ELECTRICAL ACCESSORIES (j) EXTERNAL STORES BOMB RACK BREECH (k) EXTERNAL STORES AFT SWAY BRACE (l) ENGINE VARIABLE STATOR ACTUATOR	B	HYDRAULICALLY ACTUATED AUXILIARY ENGINE AIR DOOR.  HINGED - NO FASTENERS.
81R	(a) ENGINE ELECTRICAL DISCONNECT (b) ENGINE OIL SERVICING (c) ENGINE FUEL CONTROL THROTTLE (d) ENGINE MAIN FUEL PUMP (e) ENGINE VARIABLE STATOR ACTUATOR (f) AUXILIARY AIR DOOR ACTUATOR (g) BOMB RACK MANUAL RELEASE (h) BOMB RACK SAFETY PIN (i) EXTERNAL STORES AFT SWAY BRACE (j) CSD AND ENGINE OIL FILTER (k) TEMP AMPLIFIER (l) A B FUEL FILTER (m) ENGINE TORQUE BOOSTER (n) A B FUEL PUMP	B	HYDRAULICALLY ACTUATED AUXILIARY ENGINE AIR DOOR HINGED - NO FASTENERS
82 L & R **	(a) ENGINE FUEL FLOW TRANSMITTER (R) (b) ENGINE A C GENERATOR ELECTRIC CONNECTIONS (c) ENGINE ELECTRICAL DISCONNECTS (L) (d) AUXILIARY AIR DOOR ACTUATOR (e) GENERATOR AND CONSTANT SPEED DRIVE UNIT (f) ENGINE AND CSD OIL FILTER (L) (g) ENGINE MAIN AND A B FUEL PUMP (h) TEMP AMPLIFIER (L) (i) A B FUEL FILTER (L) (j) ENGINE TORQUE BOOSTER (k) FUEL FLOW TRANSMITTER	B	HINGED AIRLOC FASTENERS (5) NAS464P5A4 BOLTS (2) ACCESSIBLE THROUGH DOOR 81 L & R
83 L & R **	(a) (L) FUEL BOOST PUMP PRESSURE TRANSMITTER (b) ENGINE MAIN AND AFTER BURNER FUEL CONTROL (c) ENGINE NOZZLE AREA CONTROL (d) ENGINE NOZZLE ACTUATOR PUMP	B	HINGED AIRLOC FASTENERS (28)

DOOR NO.	EQUIPMENT	VIEW	DOOR FASTENERS
83 CONT	(e) ENGINE SCAVENGE OIL PUMP (f) ENGINE MAIN OIL PUMP (g) ENGINE SUMP PRESSURIZING VALVE (h) ENGINE SCAVENGE OIL FILTER (i) ENGINE MAIN SPARK PLUG (j) ENGINE OIL PRESSURE TRANSMITTER (k) (R) TACHOMETER GENERATOR (l) (L) LATERAL CONTROL FEEL TRIM MOTOR (m) VARIABLE STATOR ACTUATOR (n) A B FUEL PRESSURIZING VALVE (o) MAIN FUEL PRESSURIZING AND DRAIN VALVE		NOTE 16 AIRLOC FASTENERS ARE LOCATED BEHIND THE AFT MISSILE RACK. REFER TO NAVWEPS 01-245FDB-2-7, ARMAMENT HANDLING, FOR MISSILE RACK REMOVAL. ▲
84 L & R	(a) LAUNCHER SAFETY PIN (b) LAUNCHER CARTRIDGE ACCESS (c) LAUNCHER MANUAL RELEASE (d) SEAR INDICATOR (e) STRAY VOLTAGE TEST (f) UMBILICAL PLUG ACCESS	B	HINGED AIRLOC FASTENERS (5)
86 L & R **	(a) HYD FILTER (UTILITY SYSTEM - LATERAL SERIES SERVO) (b) (L) ACCUMULATOR RESERVOIR (c) (L) HYD SELECTOR VALVE (TE FLAPS) (d) (L) HYDRAULIC FLOW EQUALIZER (TE FLAPS) (e) SPRING CARTRIDGES AND SCREW JACK ACTUATOR	B	NAS1304-5 BOLT (88) ◁ NAS1305-6 BOLT (1) ◁ ▲
87 L & R **	(a) TRAILING EDGE FLAPS CONTROLS ACCESS	B	NAS1304-5 SCREW (29) ◁ ▲
88 L & R **	(a) HYDRAULIC FILTERS (2) PC I (b) HYDRAULIC FILTERS (2) PC II (c) TRAILING EDGE FLAP ACTUATORS AND SHUTTLE VALVES (d) WING TRIM TRANSMITTER (e) SPOILER SERVO VALVE	B	▲
89 L & R	(a) ELECTRONICS ACCESS (b) (L) PITCH RATE GYRO (c) YAW RATE GYRO (d) (L) TRIM CUTOFF ACCELEROMETER (e) (L) AIRCRAFT ACCELEROMETER (f) TRAILING EDGE FLAP LIMIT SWITCH (g) TRAILING EDGE BLC LIMIT SWITCH	B	* NAS-584-6-SCREW (41)
92 L & R **	(a) EXTERNAL STORES FIN RESTRAINT (b) AFT MAIN ENGINE MOUNT (c) LOWER TANGENTIAL ENGINE MOUNT (d) ENGINE AFTERBURNER SPARK PLUG (e) ENGINE PILOT BURNER (f) IMPINGEMENT STARTING CHECK VALVE	B	HINGED 32-32518-3 BOLTS (3) DOORS 83 AND 96 MUST BE OPENED FIRST
95	(a) AN/AJB-3 REMOTE COMPASS TRANSMITTER	B	HT3N5 BOLT (36)
96 **	(a) ENGINE NOZZLE ACTUATORS (b) AN/APA-157 REAR SIGNAL HORN (c) (R) PITOT SYSTEM DRAIN	B	HINGED 32-32517-3 BOLT (4) AIRLOC FASTENERS (11)
100 L & R	(a) OUTBOARD WING PYLON ATTACH MECHANISM	T	AN509-416R19 SCREW (1)

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# EXTERNAL ACCESS DOORS (F-4B)

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DOOR NO.	EQUIPMENT	VIEW	DOOR FASTENERS
101 L & R **	(a) CONTROLS LINKAGE (b) OUTBD FUEL QUANTITY TANK UNIT (c) WING TANK TRANSFER-LOW LEVEL SHUTOFF VALVE (d) WING TANK FUEL DUMP VALVE (e) EXTERNAL WING TANK FUEL SHUTOFF VALVE (f) EXTERNAL WING TANK FUEL DISCONNECT (g) EXTERNAL WING TANK PRESS. REGULATOR (h) EXTERNAL WING TANK PRESS. VACUUM RELIEF VALVE (i) EXTERNAL WING TANK AIR DISCONNECT (j) SPOILER ACTUATOR (l) WING FOLD SELECTOR VALVE (m) WING FOLD PIN PULL SELECTOR VALVE	T	▲
102 L & R **	(a) SPOILER ACTUATOR (b) AILERON DAMPER (c) AILERON ACTUATOR	T	▲
103 L & R	(a) SPOILER HINGE PIN REMOVAL ACCESS	T	NAS584-10 SCREW (19)*
104 L & R	(a) AILERON POWER CYLINDER	T	HINGED AN509-10R10 SCREW (6)
105 L & R	(a) AILERON VISCOUS DAMPER (b) AILERON ACTUATOR	T	AN509-10R8 SCREW (6)
106L	(a) DRAG CHUTE MECHANISM ◁4	LS	AIRLOC FASTENERS (4)
106R	(a) DRAG CHUTE MECHANISM	RS	AIRLOC FASTENERS (4)
107	(a) DRAG CHUTE	LS	MECHANICALLY ACTUATED DRAG CHUTE DOOR HINGED 32-33267 LATCH ASSY.
108 L & R **	(a) BOUNDARY LAYER CONTROL DUCTING	T	▲
109 L & R **	(a) OUTER WING LEADING EDGE FLAP BELLCRANK AND LINKAGE (b) ATTACH POINT, BELLCRANK TO LEADING EDGE FLAP	T	*NAS583-5 SCREW (9) *NAS584-5 SCREW (4)
110 L & R **	(a) OUTBOARD LEADING EDGE FLAP SHUTTLE VALVE	T	*NAS583-5 SCREW (23) *NAS584-6 SCREW (1)
111 L & R **	(a) OUTER WING LEADING EDGE FLAP ACTUATOR (b) BOUNDARY LAYER CONTROL DUCTING	T	▲
112 L & R **	(a) FLAP ACTUATOR AND LINKAGE	T	▲
114 L & R	(a) AERO 7A LAUNCHER 1. BREECH CHAMBERS 2. SAFETY PIN 3. MANUAL RELEASE NUT 4. SEAR INDICATOR 5. UMBILICAL PLUG 6. STRAY VOLTAGE TEST	B	AIRLOC FASTENERS (18)
115 L & R	(a) FORWARD CAVITY-AFT DOOR HYDRAULIC ACTUATOR (b) AFT DOOR LINKAGE	B	▲
116	(a) AMCS TEST RECEPTACLES	LS	HINGED H720051 LATCH

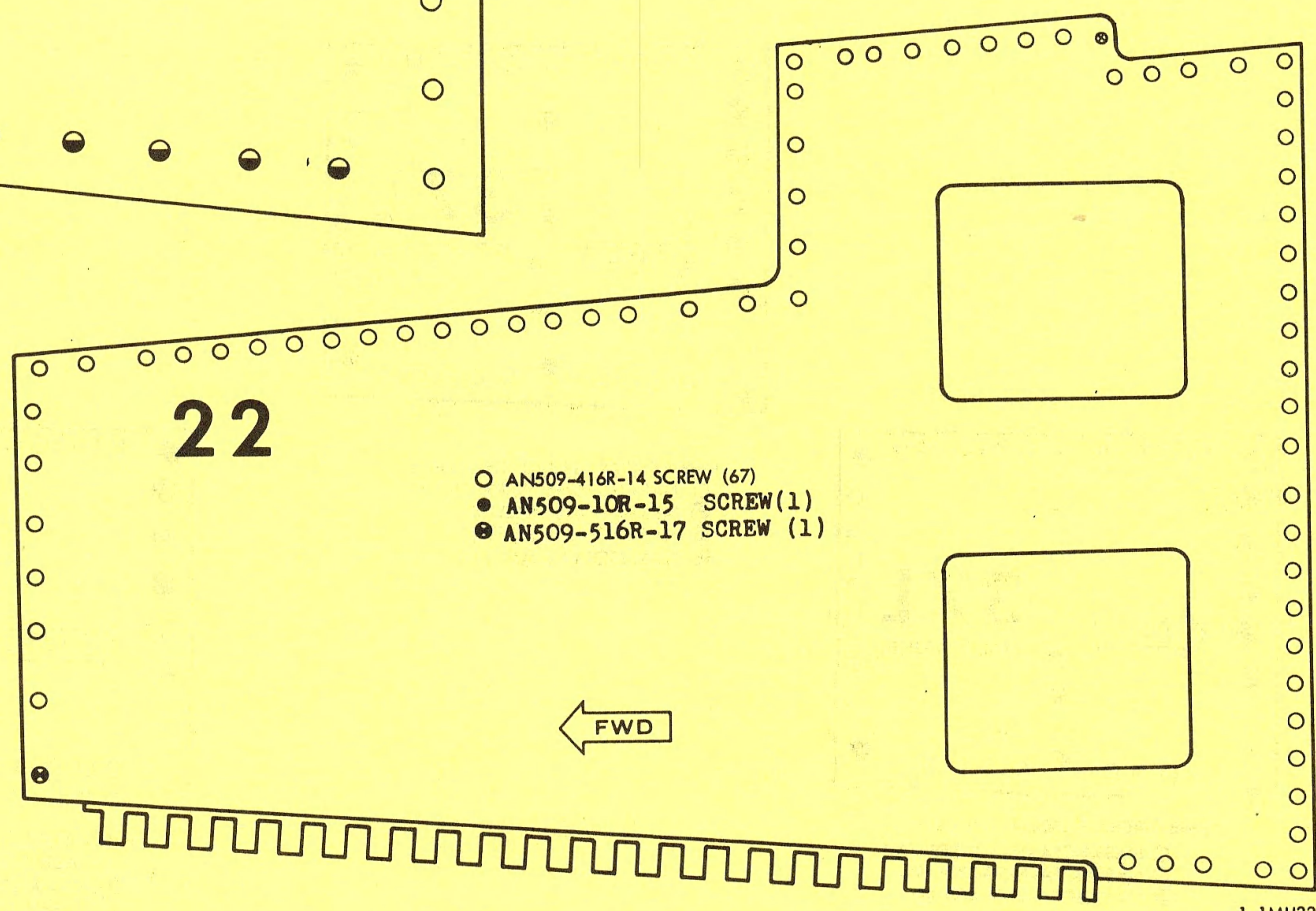
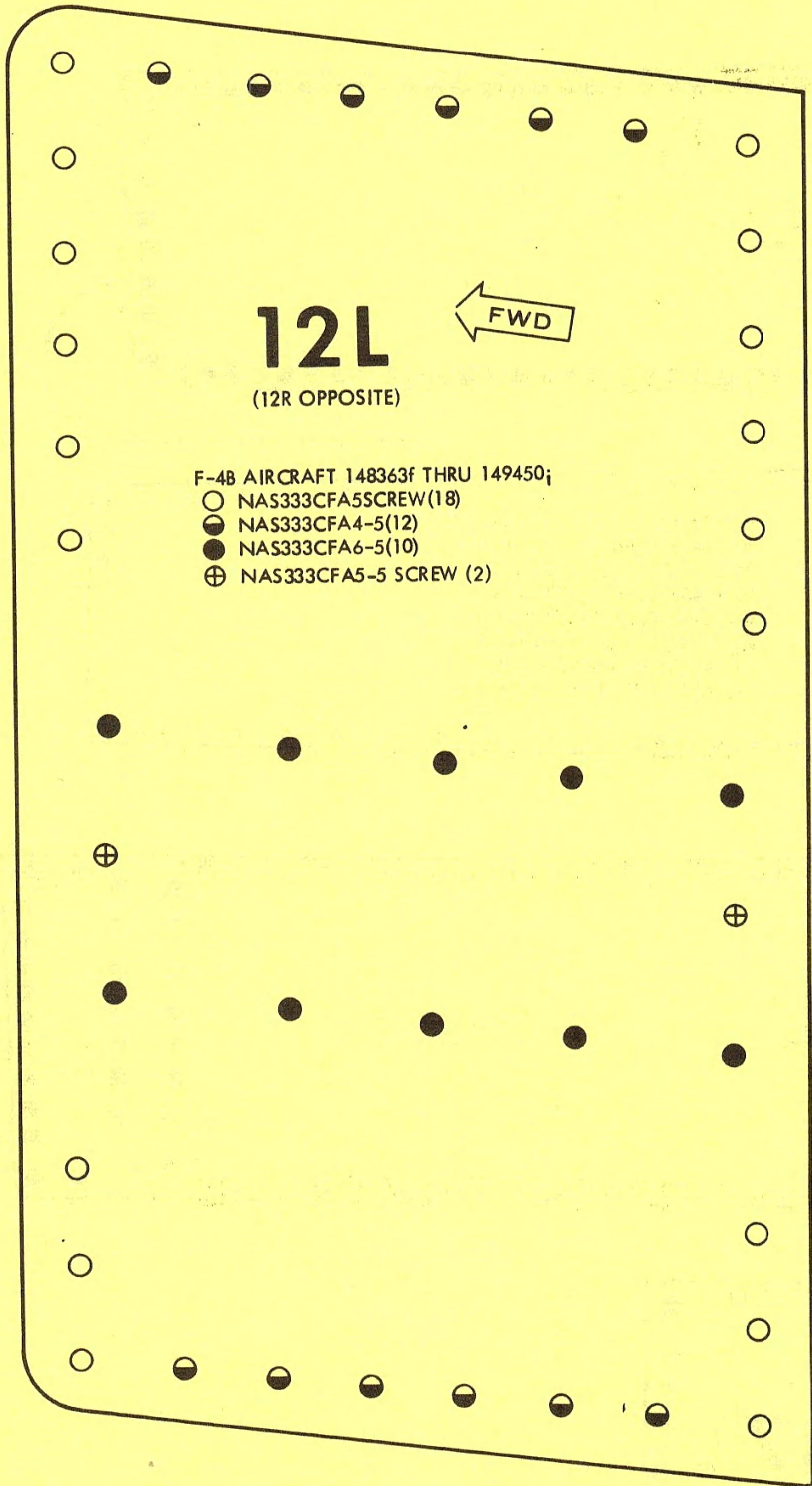
DOOR NO.	EQUIPMENT	VIEW	DOOR FASTENERS
117 L & R	(a) AFT CANOPY HINGE BOLTS	T	AN509-10R13 SCREW (26)
118L	(a) COAXIAL CABLE CONNECTOR	LS	9M142-400-5 ASSY (1)
118R	(a) COAXIAL CABLE CONNECTOR	RS	9M142-400-5 ASSY (1)
119L	(a) COAXIAL CABLE CONNECTOR	LS	9M142-400-5 ASSY (1)
119R	(a) COAXIAL CABLE CONNECTOR	RS	9M142-400-5 ASSY (1)
120	(a) IMPINGEMENT STARTING RECEPTACLE (b) 28V D C REMOTE CONTROL CABLE RECEPTACLE (c) 28V D-C STARTING SYSTEM FUSE	B	HINGED AIRLOC FASTENERS (8)
121L	(a) BYPASS BELLMOUTH ACTUATOR	LS	NAS334CFA11 SCREW (38)
121R	(a) BYPASS BELLMOUTH ACTUATOR	RS	NAS334CFA11 SCREW (38)
122 L & R	(a) GENERATOR CONTROL PANEL	B	AN509-10R13 SCREW (59) AN509-416R-9 SCREW (1)
123 L & R	(a) AFT RAMP HINGE PIN	B	NAS333CFA6-5 SCREW (17) ▲ ◁3 ▷9
124	(a) ELECTRICAL SYSTEM AUTO TRANSFORMERS	RS	AN509-10R10 SCREW (19) 294346-4-8 SCREW (1)
125L	(a) ELECTRICAL ◁7	LS	AN509-10R12 SCREW (68)
125R	(a) ELECTRICAL ◁7	RS	AN509-10R12 SCREW (68)
126	(a) RADOME TIE-DOWN CABLE	RS	HINGED H720051 LATCH
127L **	(a) STRUCTURE	LS	AN509-10R12 SCREW (46)
127R **	(a) STRUCTURE	RS	AN509-10R12 SCREW (46)
128L **	(a) STRUCTURE	LS	AN509-10R12 SCREW (75)
128R **	(a) STRUCTURE	RS	AN509-10R12 SCREW (75)
129 L & R	(a) PYLON FWD MOUNTING BRACKET (b) PYLON ELECTRICAL DISCONNECT	B	NAS333CFA10 SCREW (12)
130L	(a) MISC HYD LINES	LS	NAS333CFA5-5 SCREW (42) NAS334CFA7 SCREW (1)
130R	(a) MISC HYD LINES	RS	NAS333CFA5-5 SCREW (42) NAS333CFA6-5 SCREW (1)
131L	(a) HYD FILTER CONTAMINATION INDICATOR ◁4	LS	9M130-7-181 LOCK
131R	(a) HYD FILTER CONTAMINATION INDICATOR ◁4	RS	9M130-7-181 LOCK
132L **	(a) MISC HYD LINES ◁8	LS	NAS333CFA5 SCREW (98) NAS334CFA6 SCREW (6)
132R **	(a) MISC HYD LINES ◁8	RS	NAS333CFA5 SCREW (76) NAS334CFA6 SCREW (6)
133	(a) AN/APA-157 RADAR MODULATOR ADJUSTMENT ◁3	LS	AN509-10R11 SCREW (12)
600L	(a) HYD FILTER CONTAMINATION INDICATOR ◁2	LS	32-09338 ASSY (1)
600R	(a) HYD FILTER CONTAMINATION INDICATOR ◁2	RS	32-32040-101 ASSY (1)

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# EXTERNAL ACCESS DOORS (F-4B)

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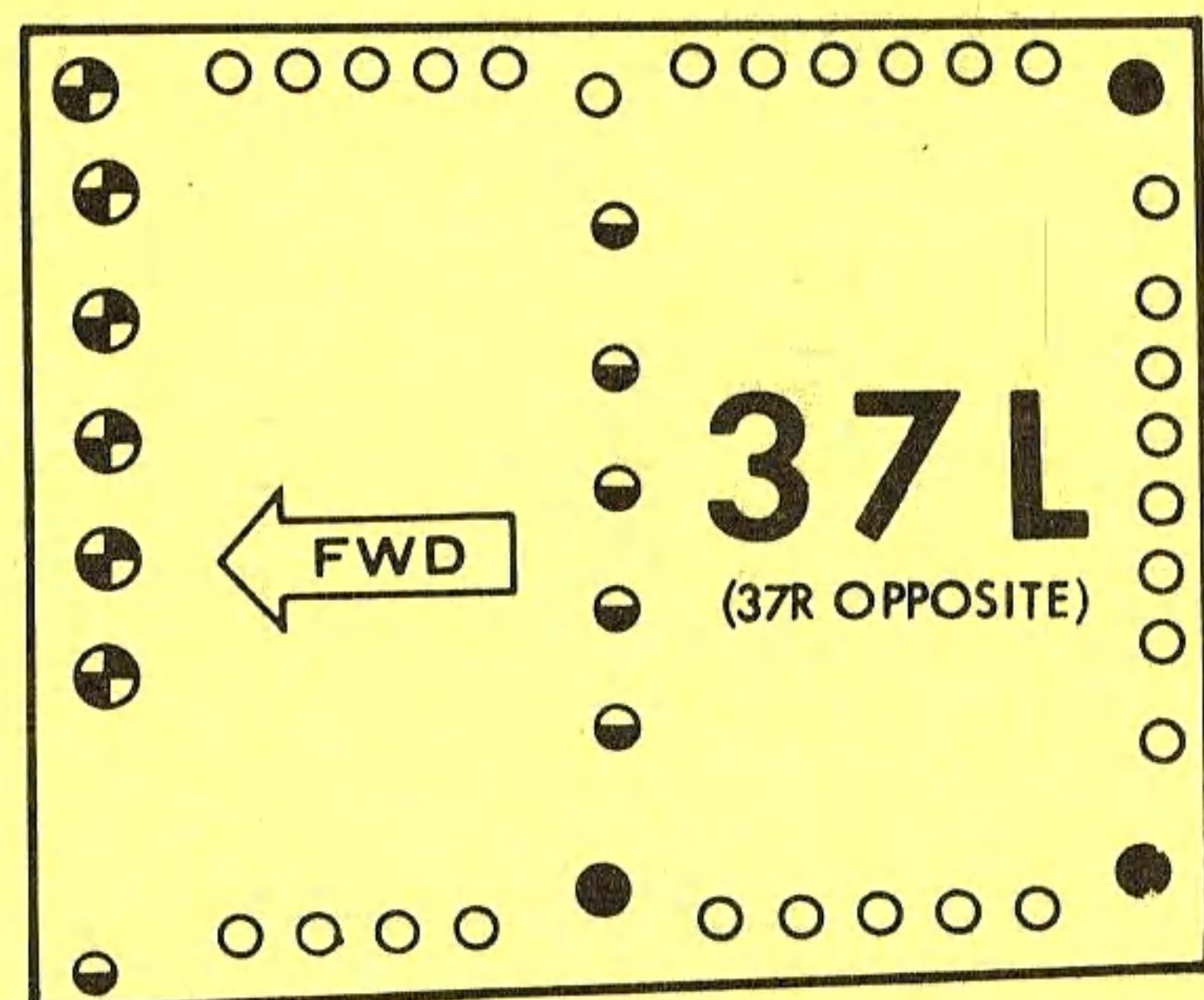
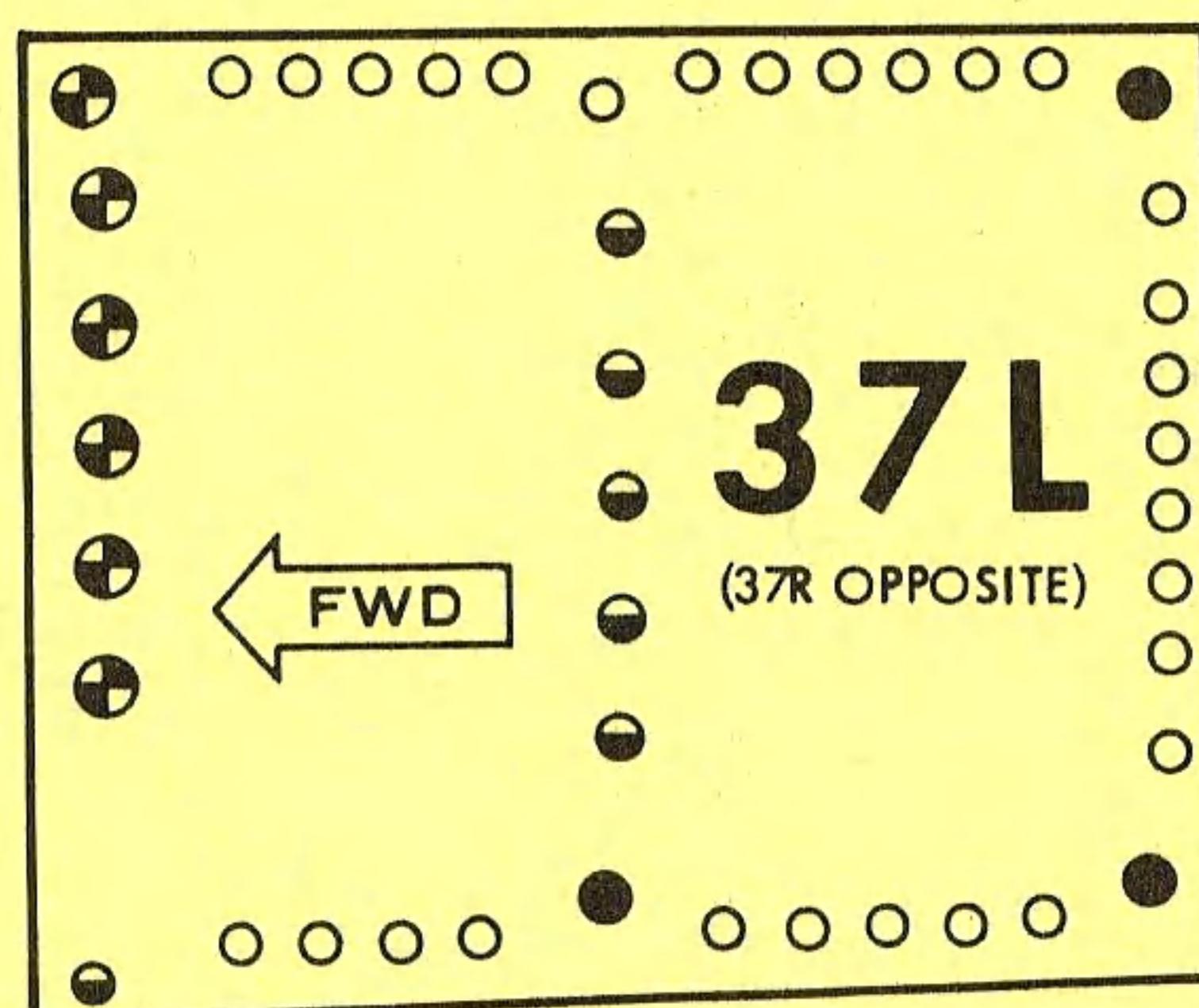
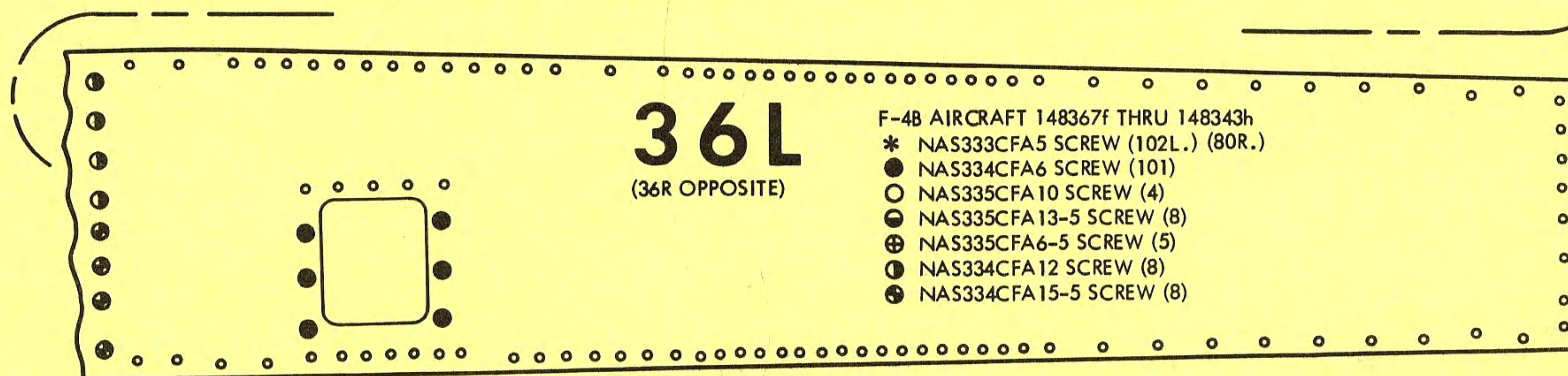
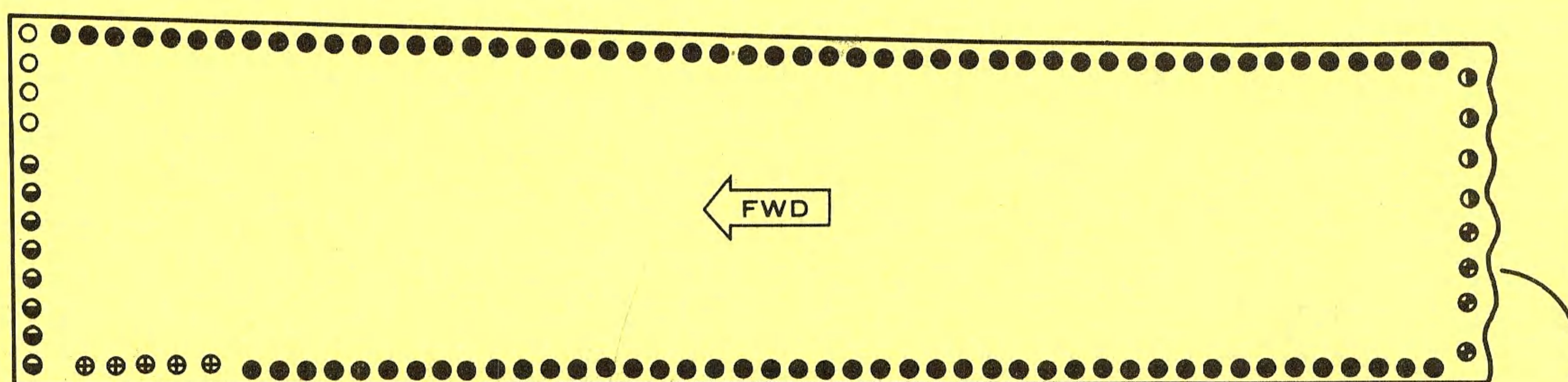
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11 RH

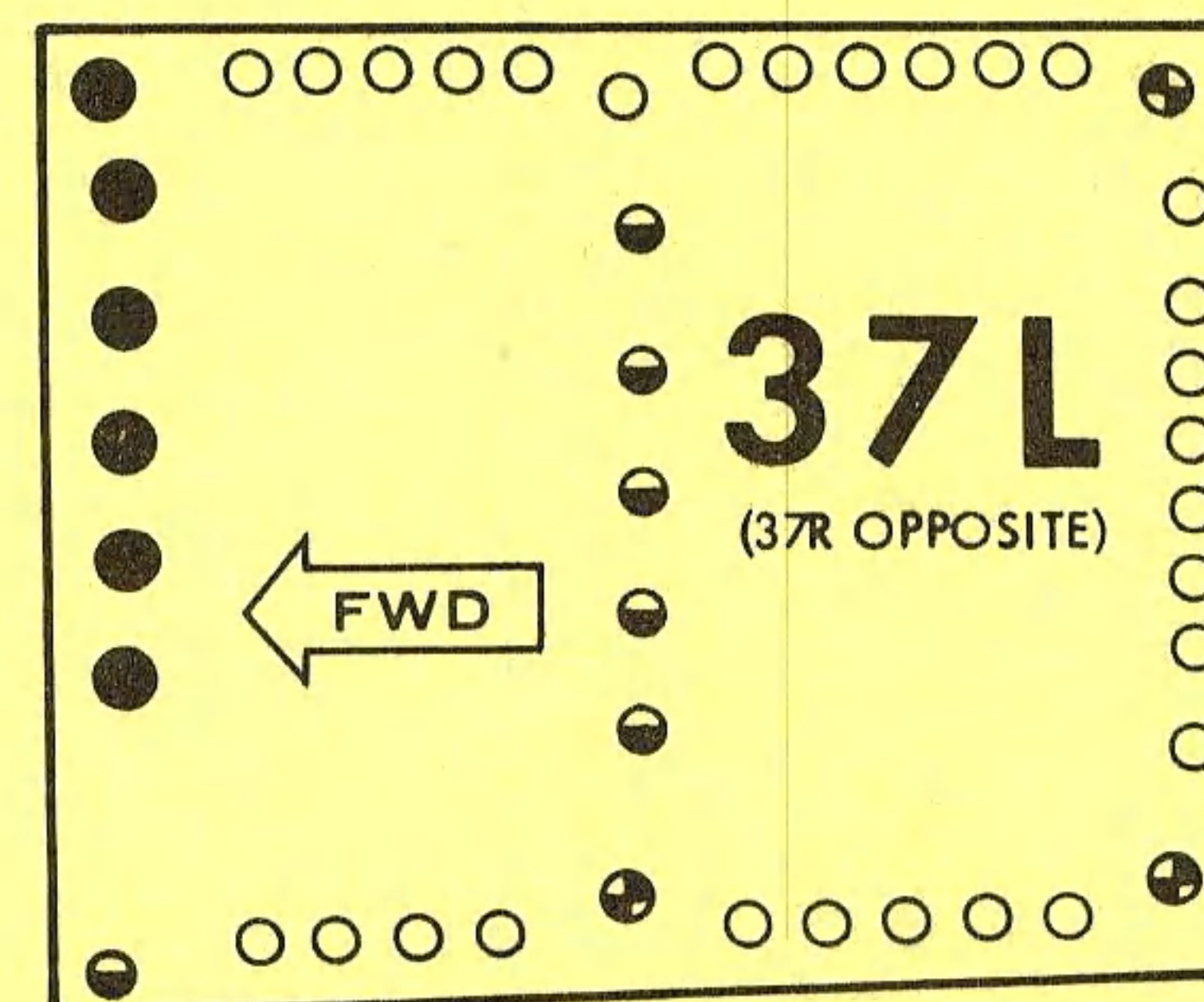
# EXTERNAL ACCESS DOORS (F-4B)

TDDR-50  
VOLS 1 THRU 5



- F-4B AIRCRAFT 150454m AND UP
- NAS334CFA-10-5 SCREW (29)
  - NAS334CFA-5-5 SCREW (6)
  - ⊕ NAS336CFA-15 SCREW (6)
  - NAS335CFA-7-5 SCREW (3)

- F-4B AIRCRAFT 148363f THRU 149474k
- NAS334CFA7-5 SCREW (29)
  - ⊕ NAS336CFA16 SCREW(6)
  - NAS333CFA5-5 SCREW(6)
  - NAS335CFA7-5 SCREW(3)



- F-4B AIRCRAFT 150406L THRU 150453m
- NAS334CFA7-5 SCREW(29)
  - NAS336CFA-15 SCREW(6)
  - NAS333CFA5-5 SCREW(6)
  - ⊕ NAS333CFA7-5 SCREW(3)

1.1MH32-7624-2

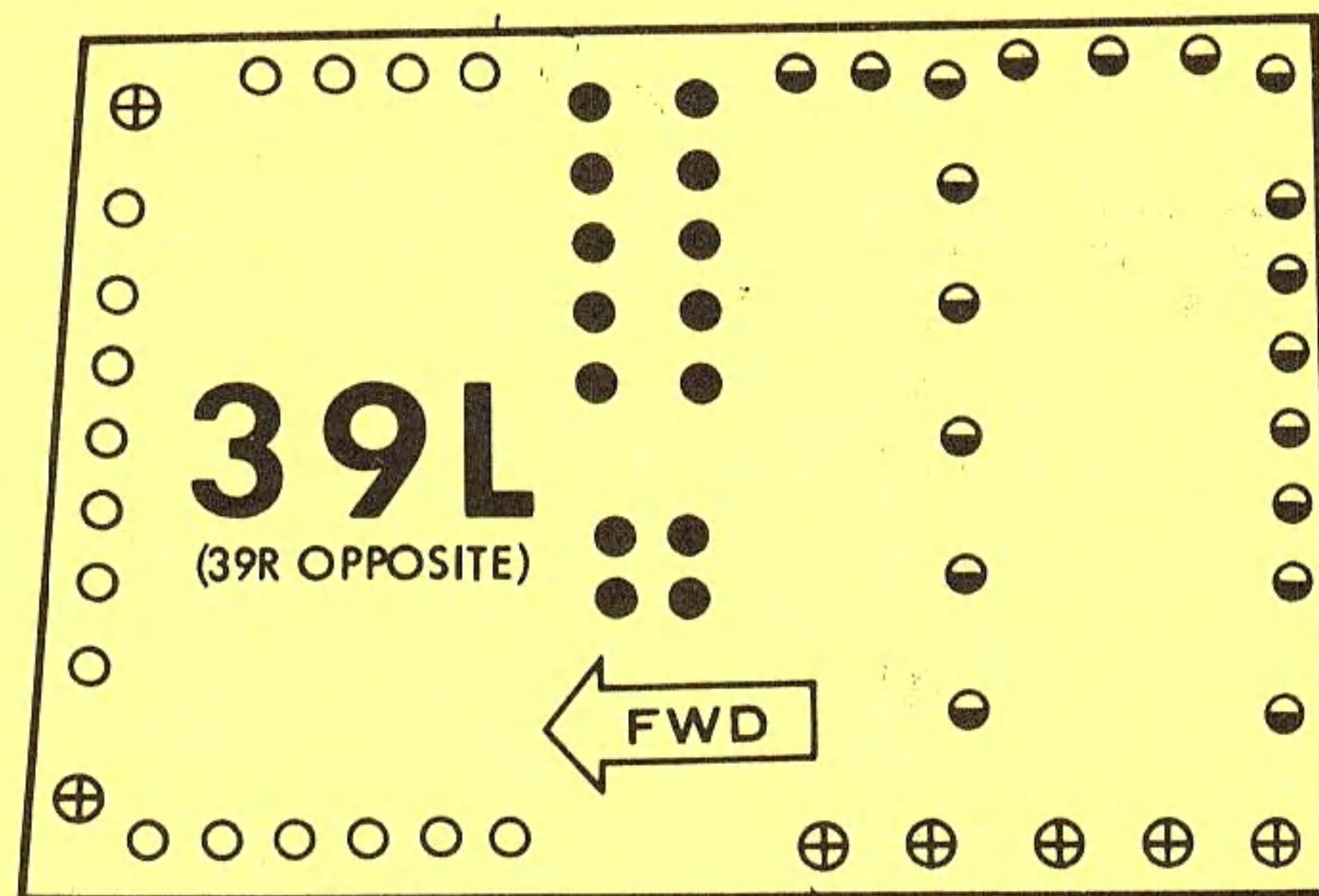
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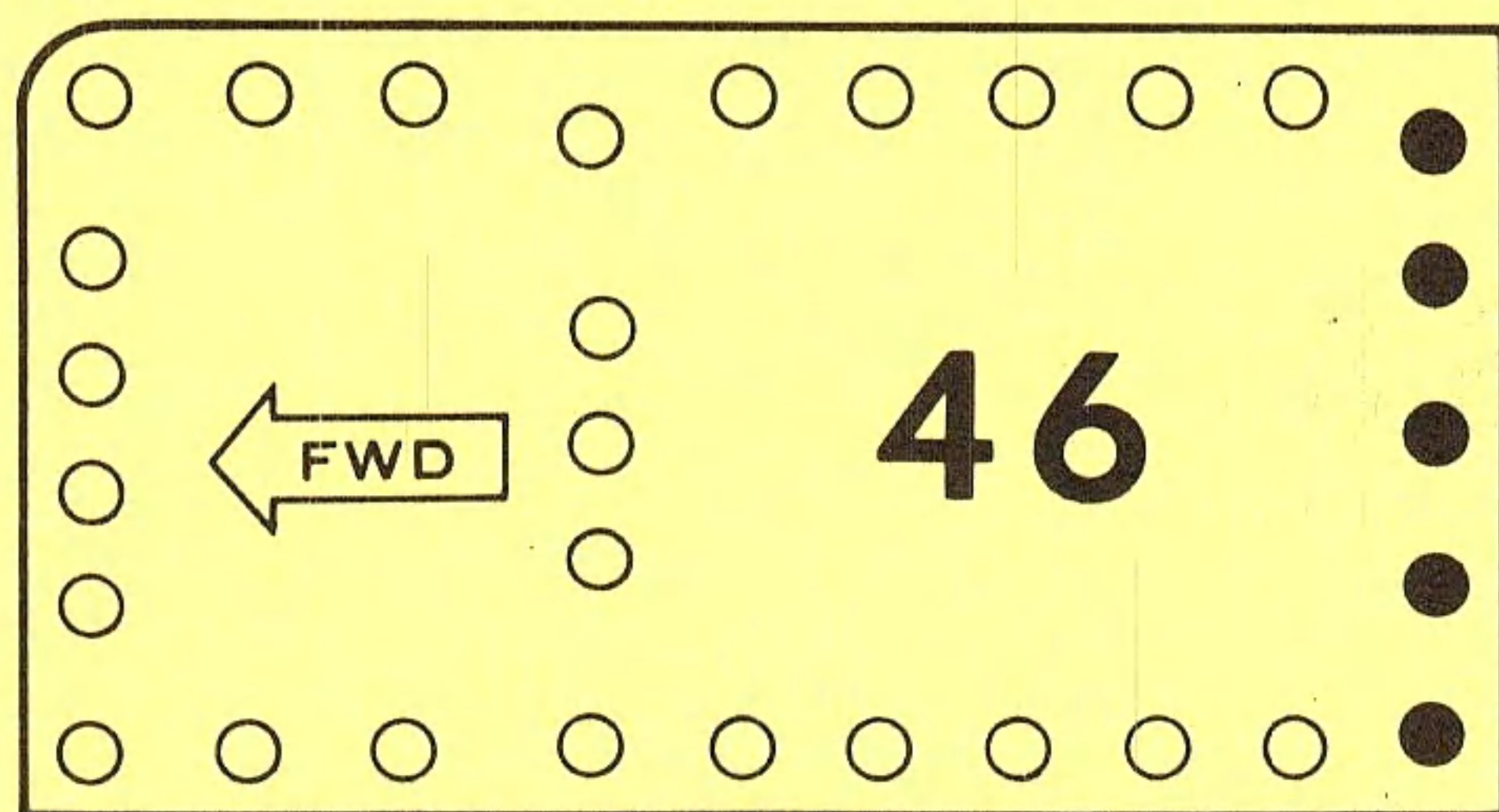
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# EXTERNAL ACCESS DOORS (F-4B)

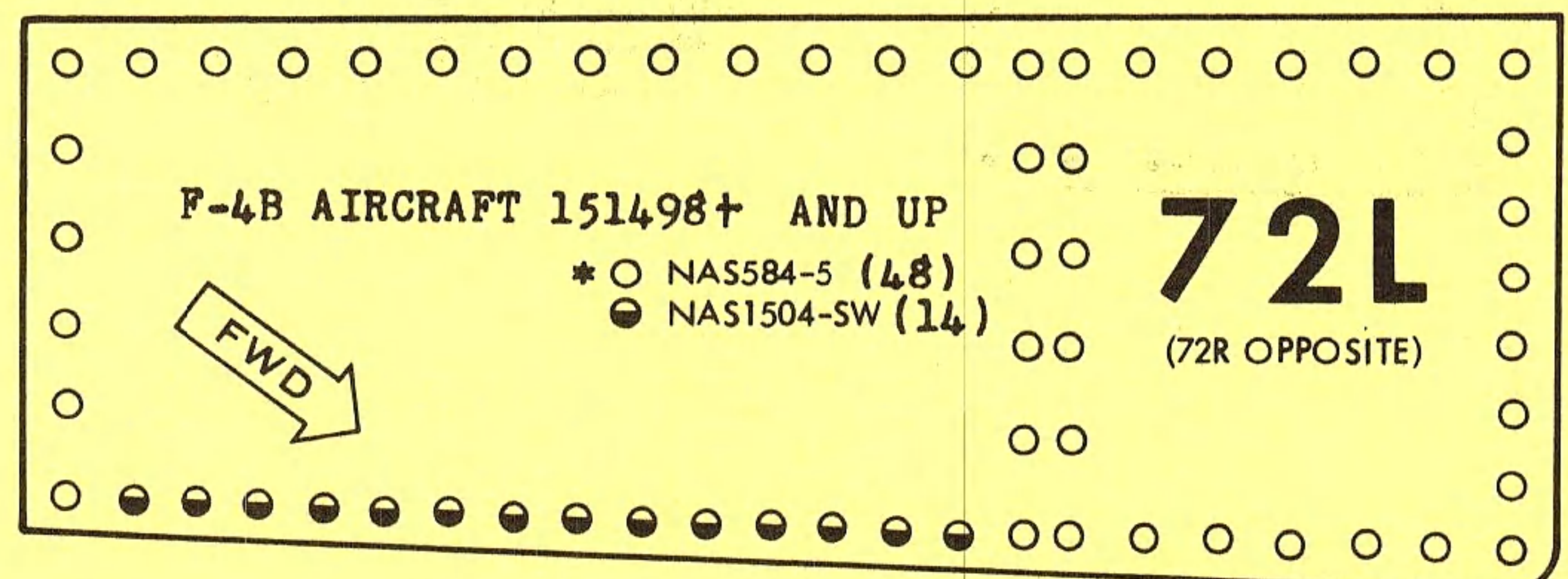
TDDR-50  
VOLS 1 THRU 5



- NAS333CFA-7.5 SCREW (17)
- NAS333CFA-5-5 SCREW (19)
- ⊕ NAS335CFA-7-5 SCREW (7)
- NAS334CFA-21 SCREW (14)

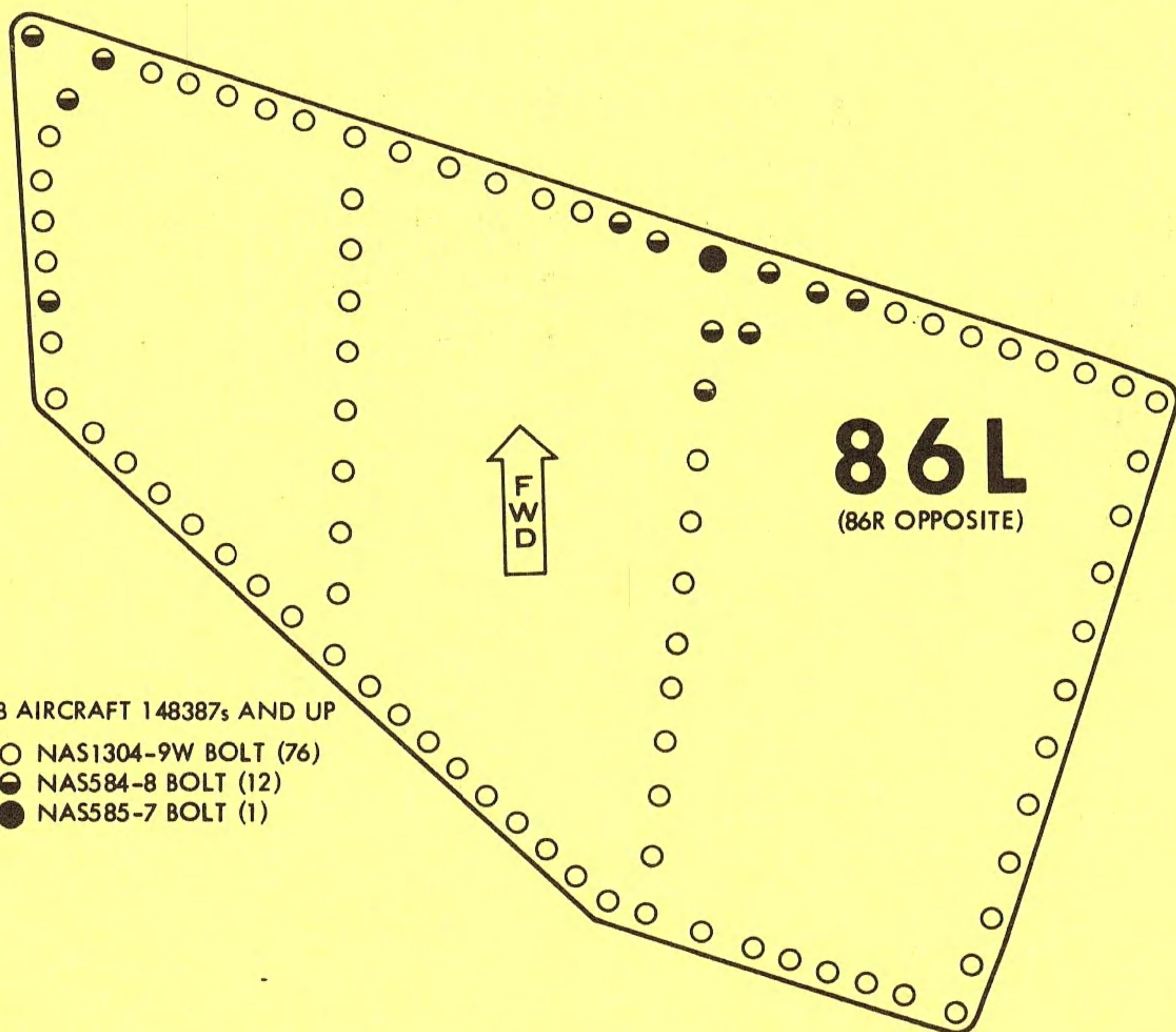


- NAS333CFA-4-5 SCREW (25)
- NAS333CFA-7-5 SCREW (5)

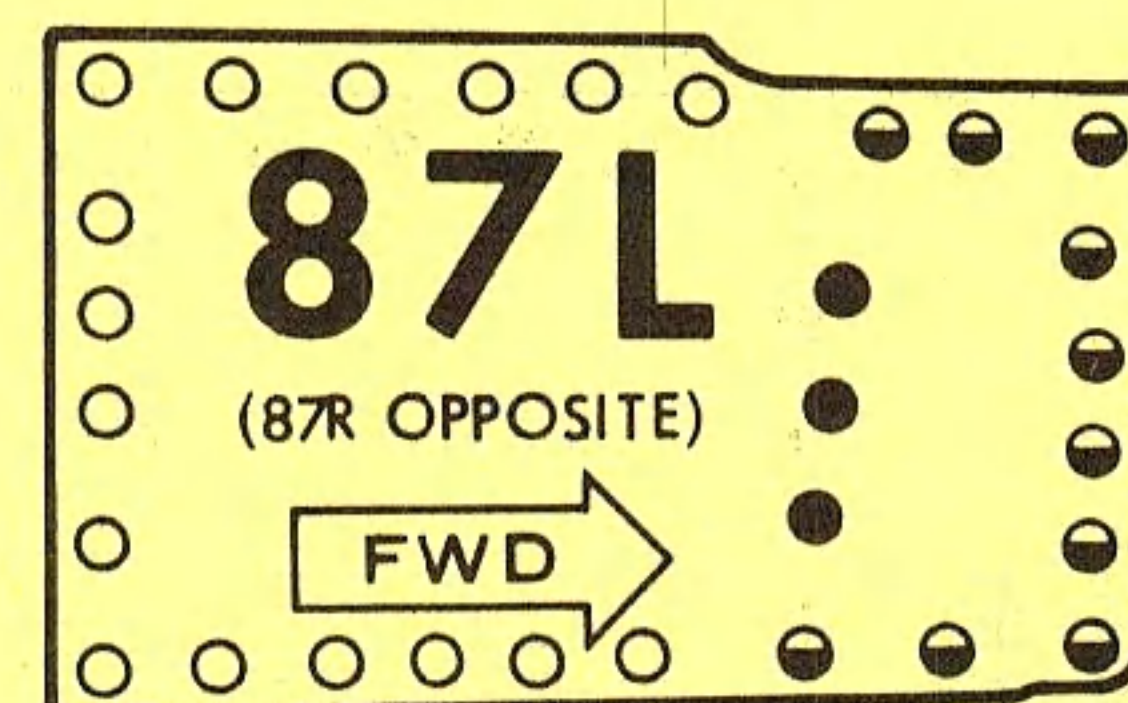


- F-4B AIRCRAFT 151498+ AND UP
- \* ○ NAS584-5 (48)
  - NAS1504-SW (14)

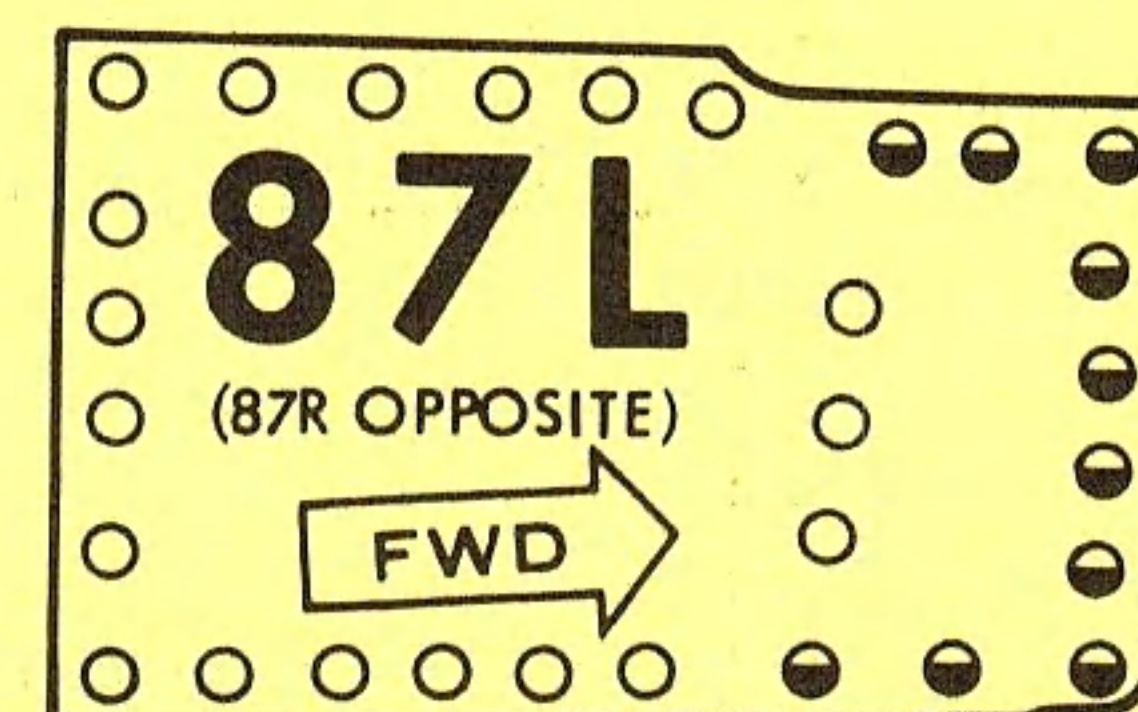
- F-4B AIRCRAFT 148363F THRU 151497S  
NAS584-5 SCREW (62) \*



- F-4B AIRCRAFT 148387s AND UP
- NAS1304-9W BOLT (76)
  - \* ● NAS584-8 BOLT (12)
  - \* ● NAS585-7 BOLT (1)



- F-4B AIRCRAFT 148363f THRU 149417i
- NAS1304-6W BOLT(16)
  - NAS584-6 BOLT(10)
  - NAS1304-5W BOLT(3)



- F-4B AIRCRAFT 149418i AND UP

- NAS1304-6W BOLT (19)
- \* ● NAS584-6 BOLT (10)

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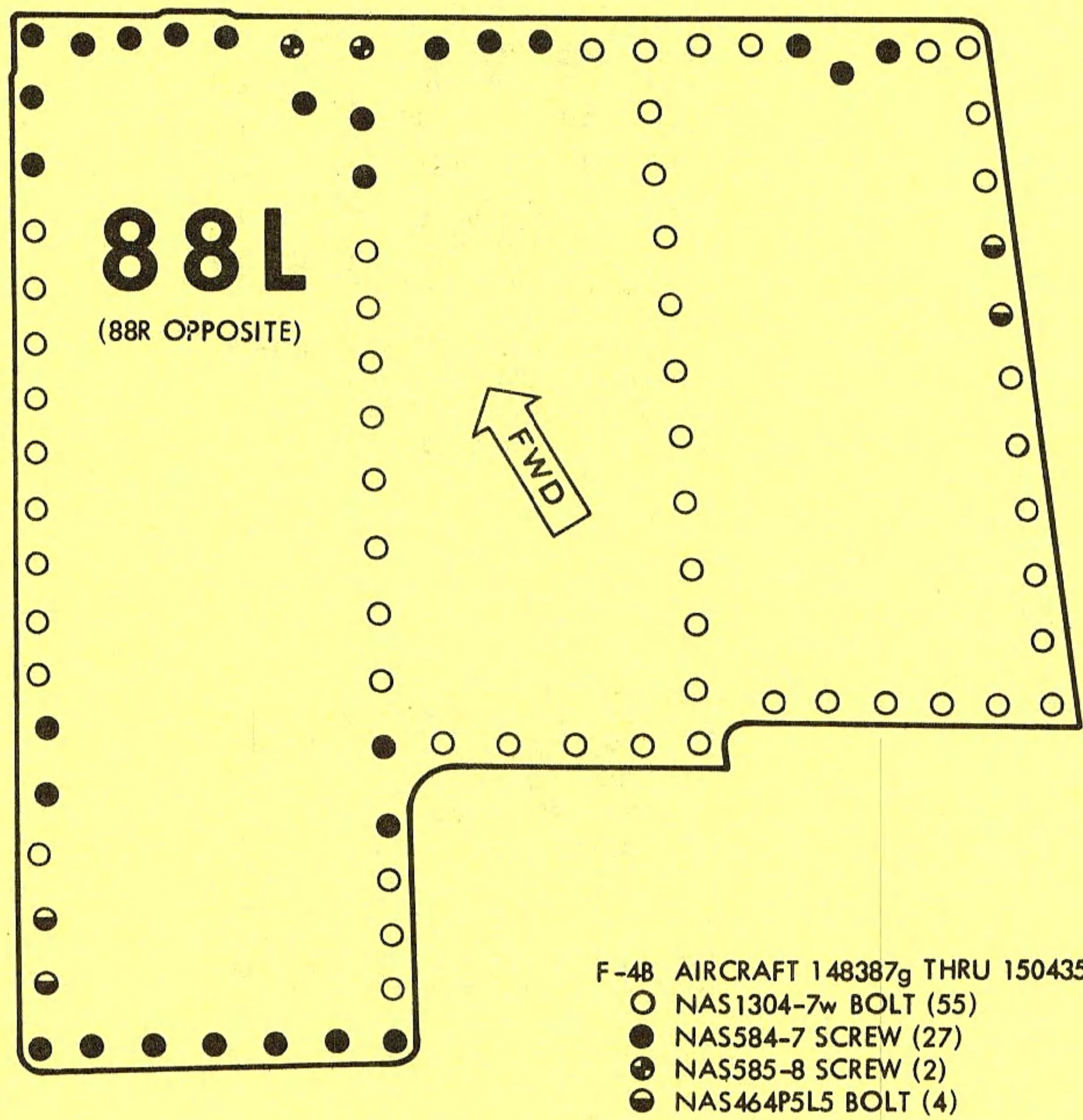
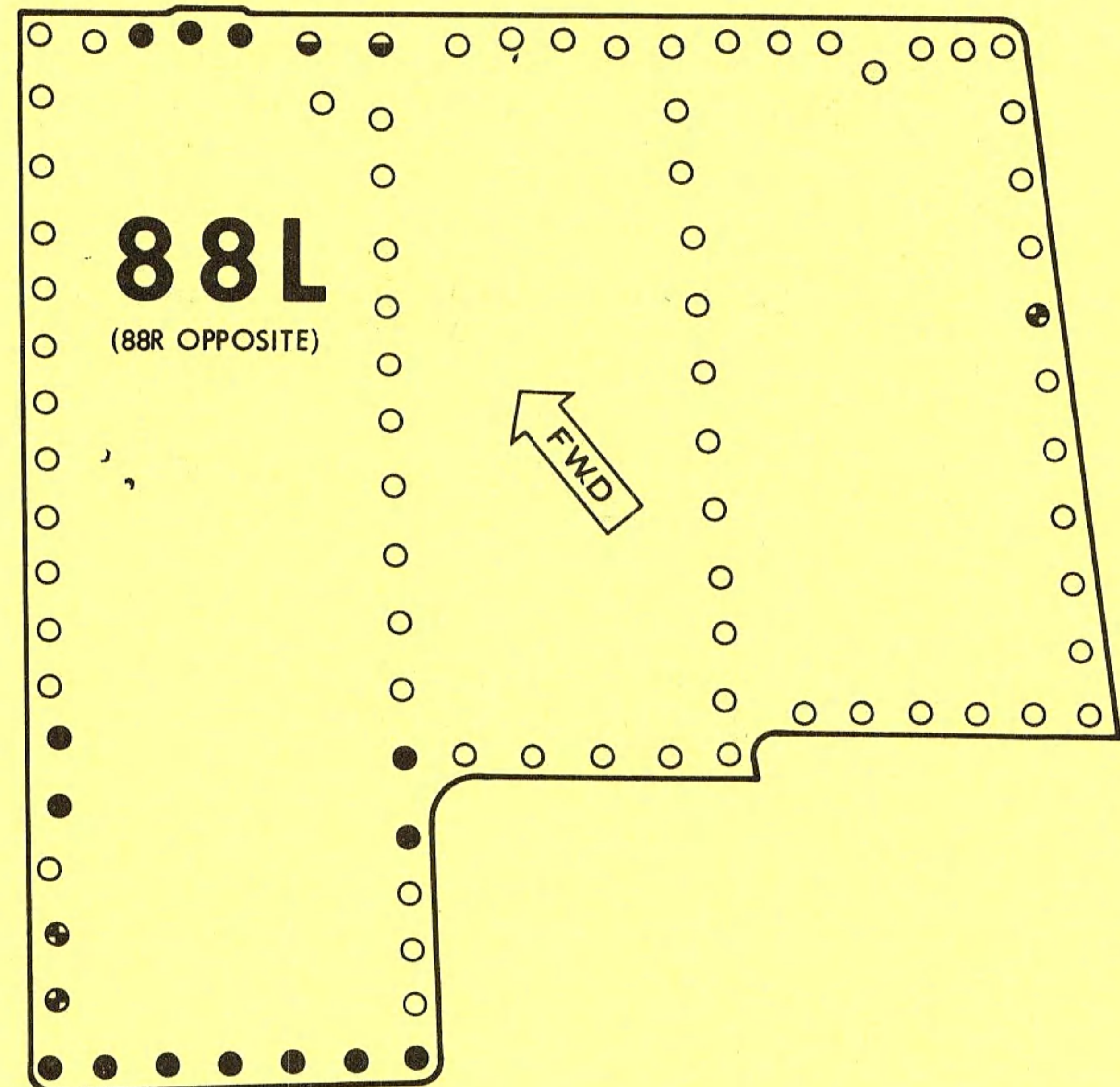
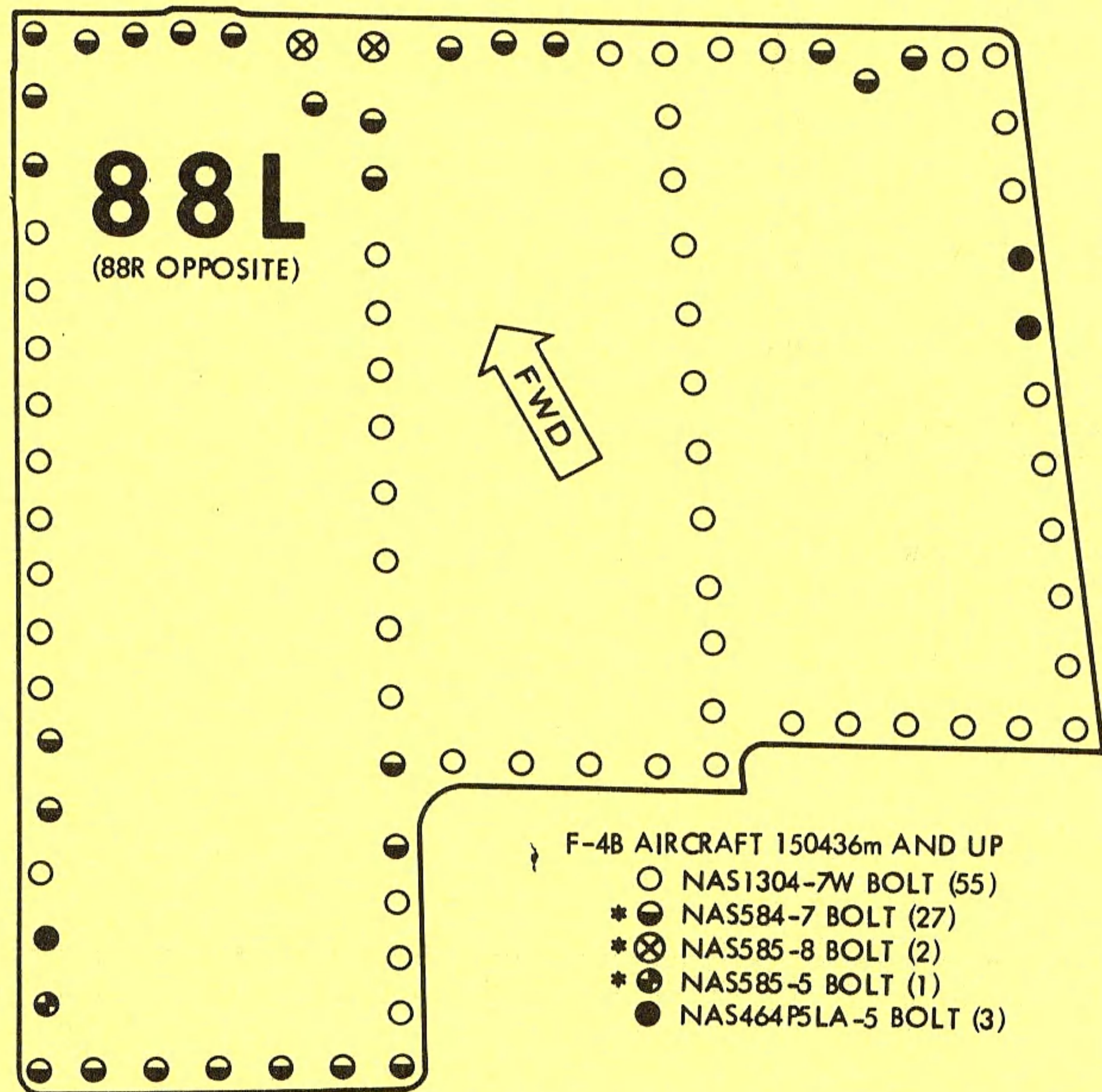
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13 RH

# EXTERNAL ACCESS DOORS (F-4B)

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VOLS 1 THRU 5



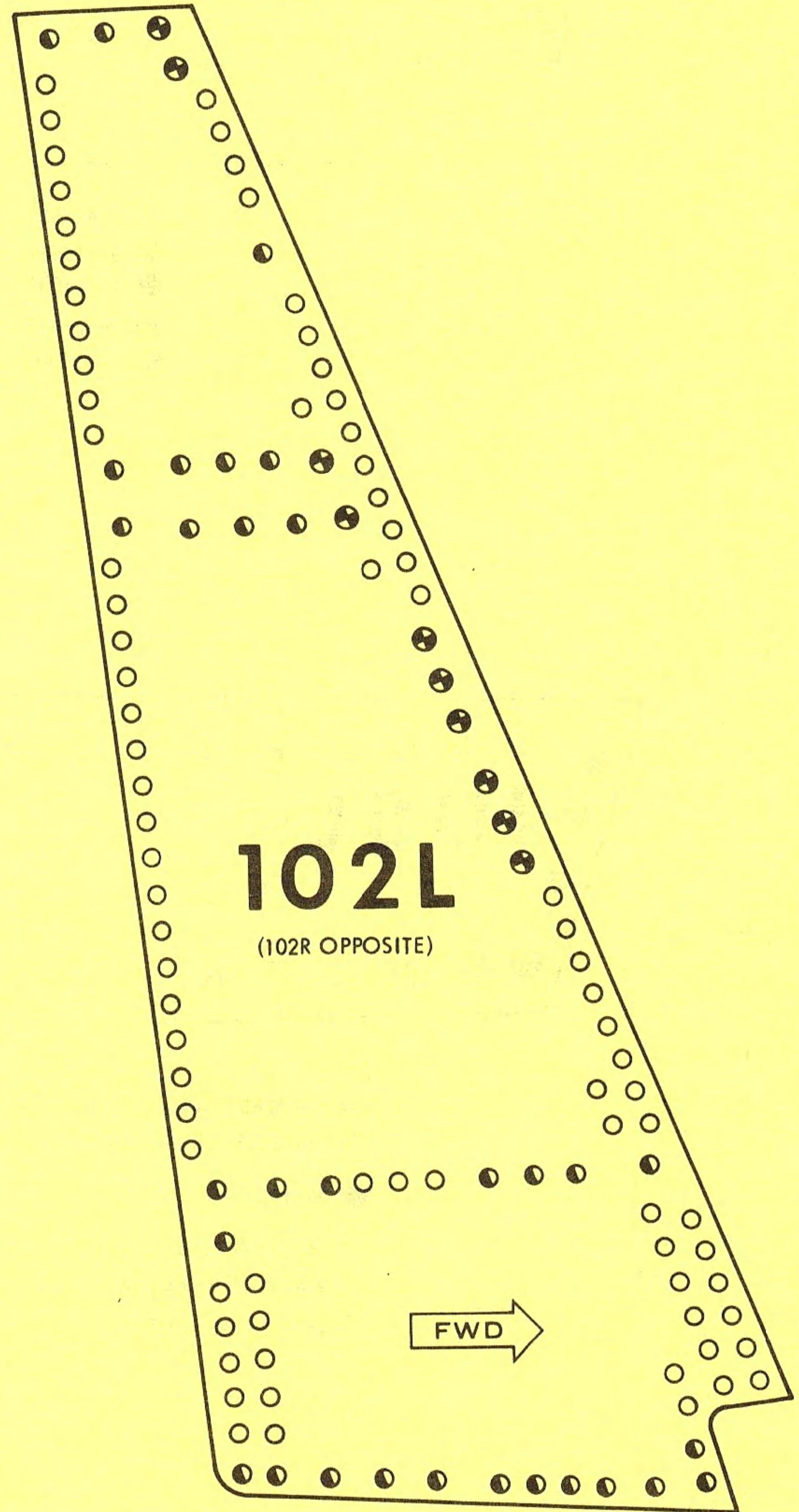
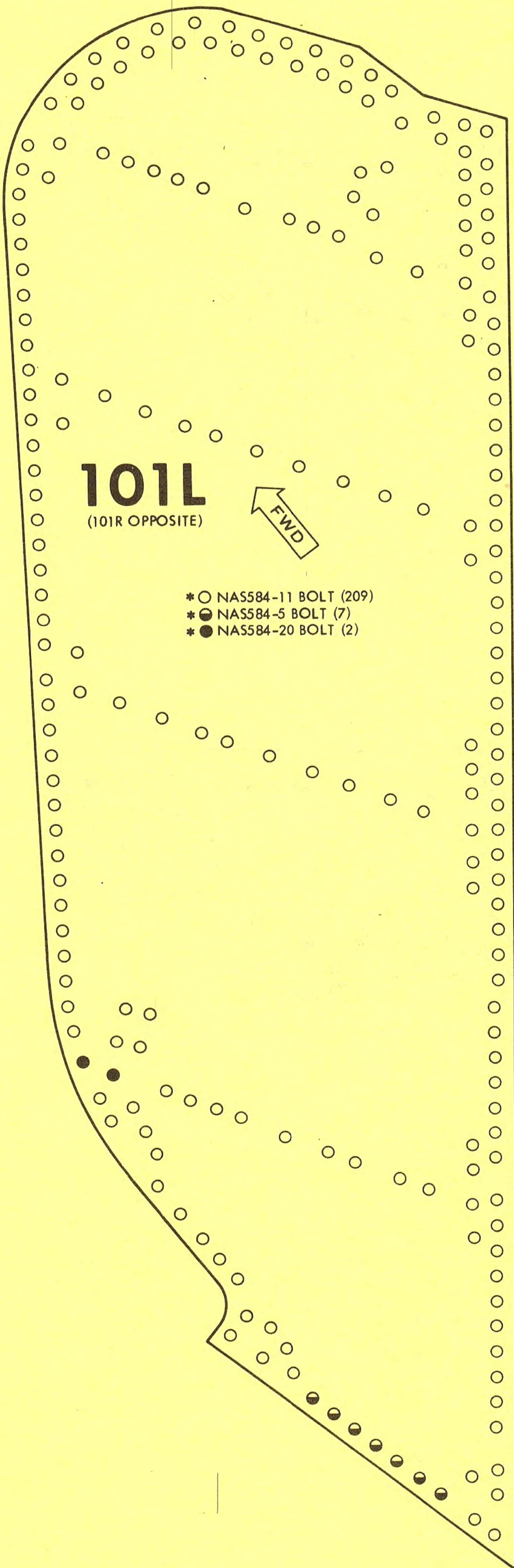
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# EXTERNAL ACCESS DOORS (F-4B)

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VOLS 1 THRU 5



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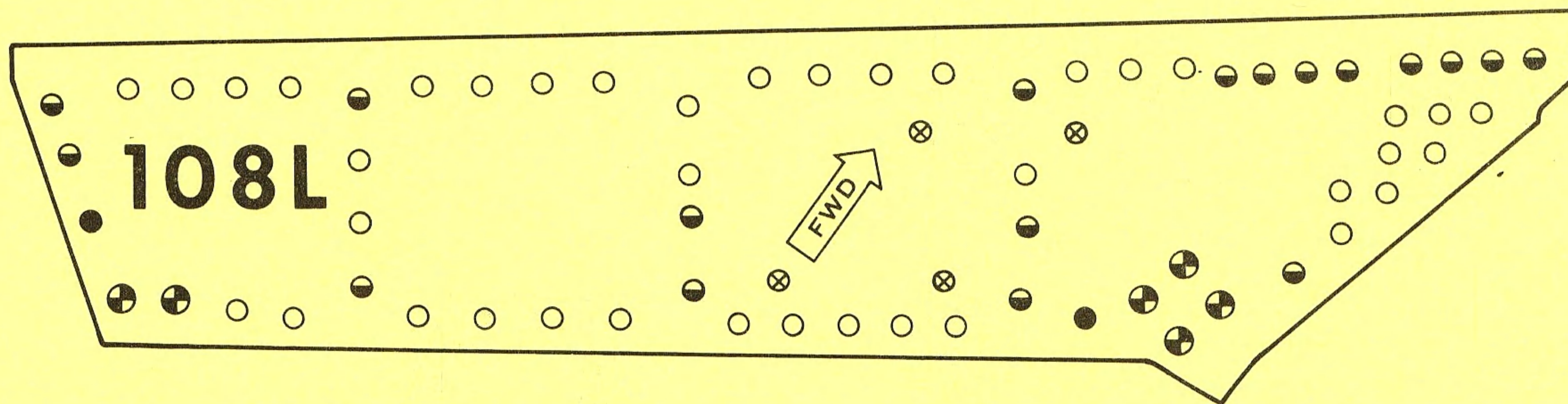
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15 RH

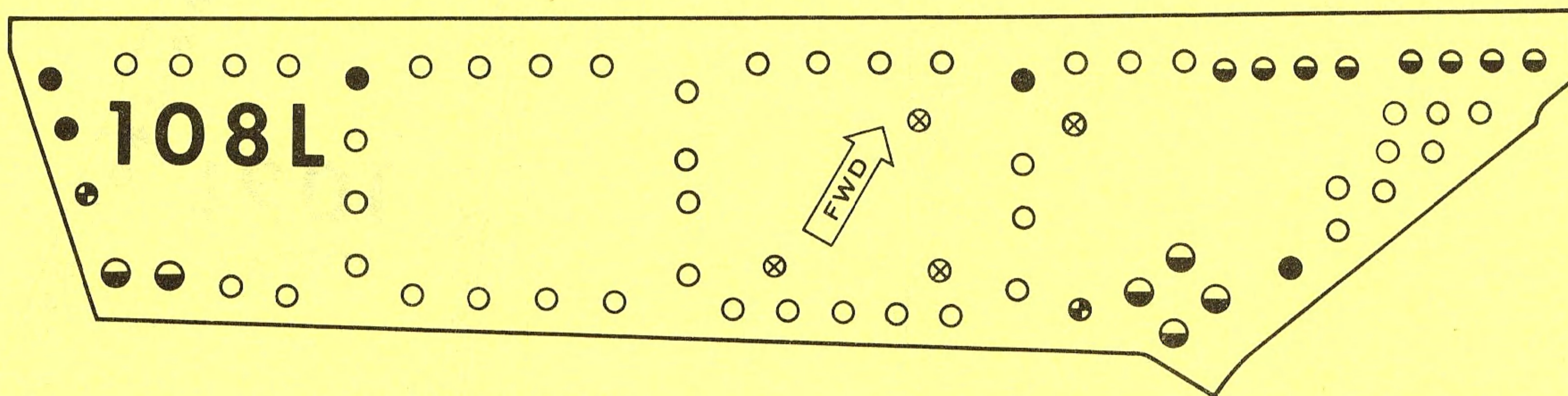
# EXTERNAL ACCESS DOORS (F-4B)

TDDR-50  
VOLS 1 THRU 5



F-4B AIRCRAFT 148387s AND UP

- NAS1503-4 BOLT (39)
- ◐ 32-15561-7 BOLT (18)
- NAS1503-13 BOLT (2)
- ⊕ NAS1504-9 BOLT (6)
- ⊗ NAS1503-3 BOLT (4)



F-4B AIRCRAFT 148363f THRU 148386f

- NAS1503-4 BOLT (44)
- 32-15561-5 BOLT (13)
- ⊕ NAS1503-13 BOLT (2)
- ◐ NAS1504-9 BOLT (6)
- ⊗ NAS1503-3 BOLT (4)

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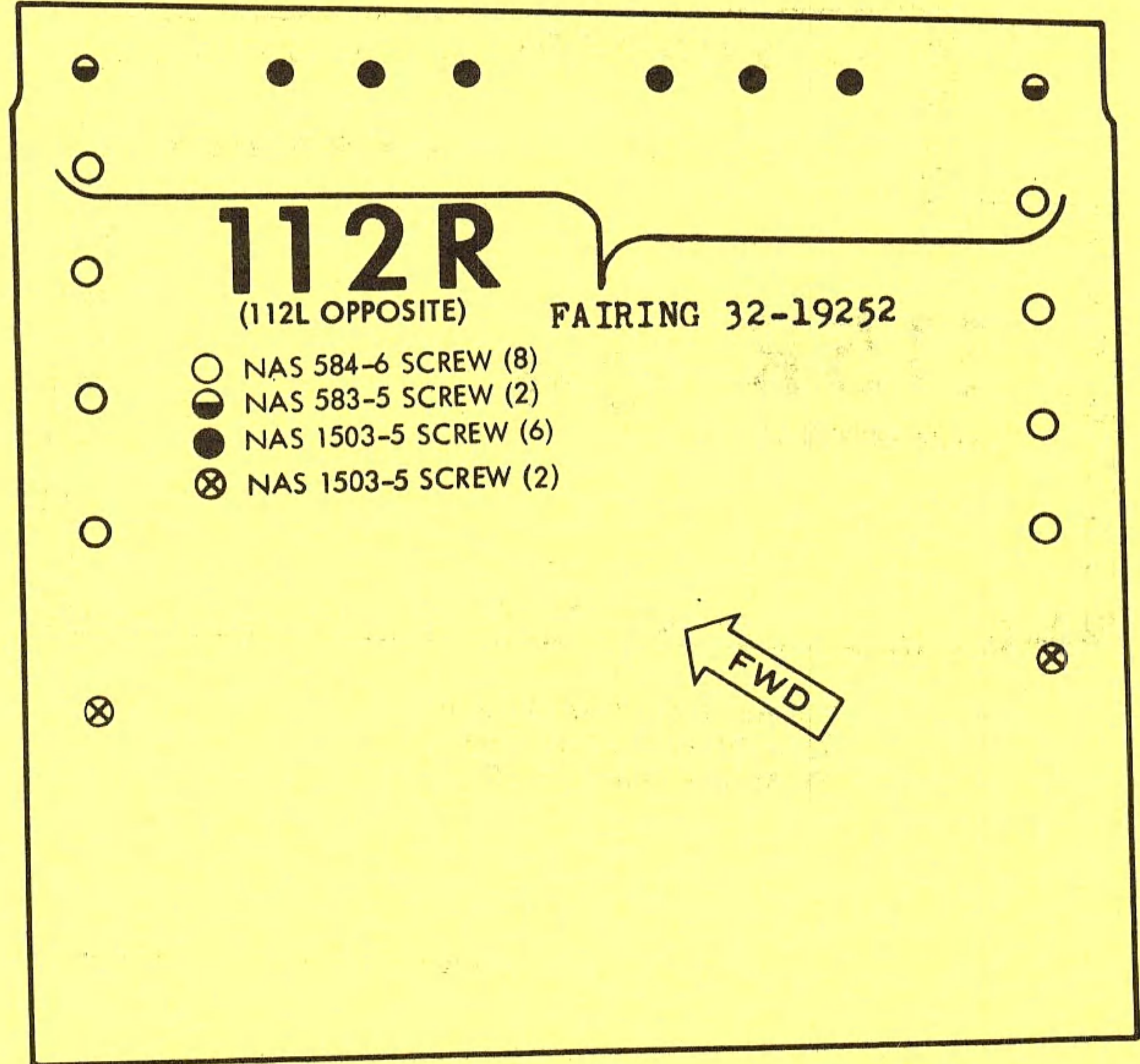
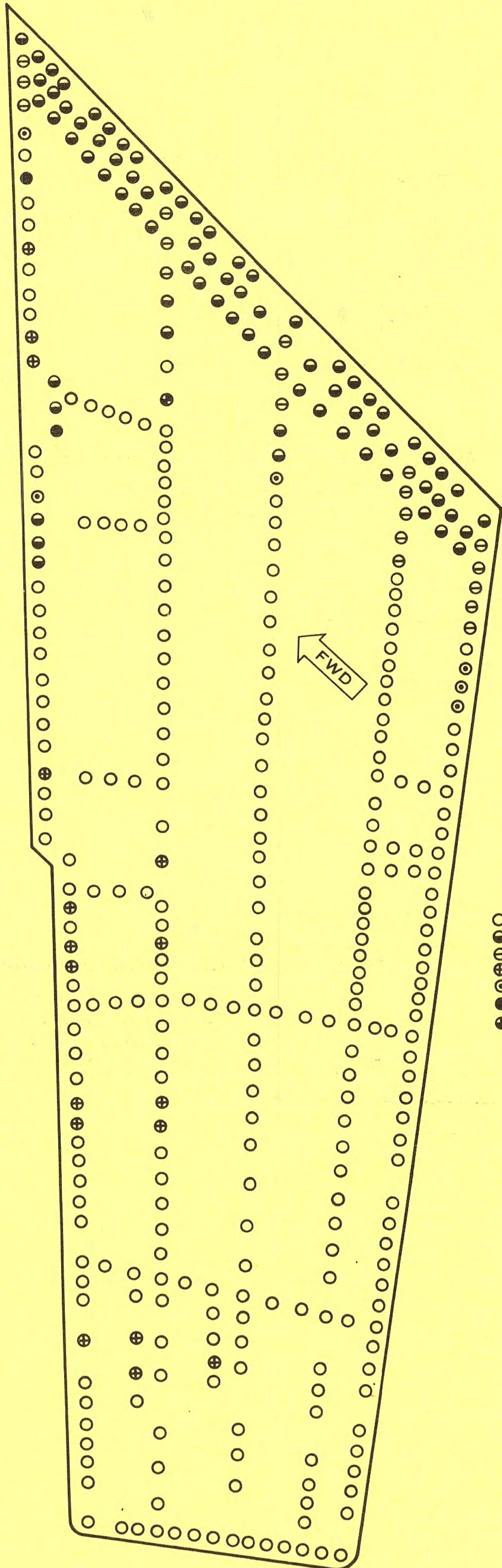
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# EXTERNAL ACCESS DOORS (F-4B)

TDDR-50  
VOLS 1 THRU 5



**112R**

(112L OPPOSITE)

FAIRING 32-19252

- NAS 584-6 SCREW (8)
- NAS 583-5 SCREW (2)
- NAS 1503-5 SCREW (6)
- ⊗ NAS 1503-5 SCREW (2)

**111L**

(111R OPPOSITE)

- NAS583-7 SCREW (257)
- NAS584-9 SCREW (77)
- ⊖ NAS584-17 SCREW (19)
- ⊕ 32-15561-5 BOLT (18)
- ⊙ NAS583-15 SCREW (6)
- NAS1505-8 SCREW (2)
- ⊕ 32-15561-7 BOLT (1)

1.1MH32-7624-7

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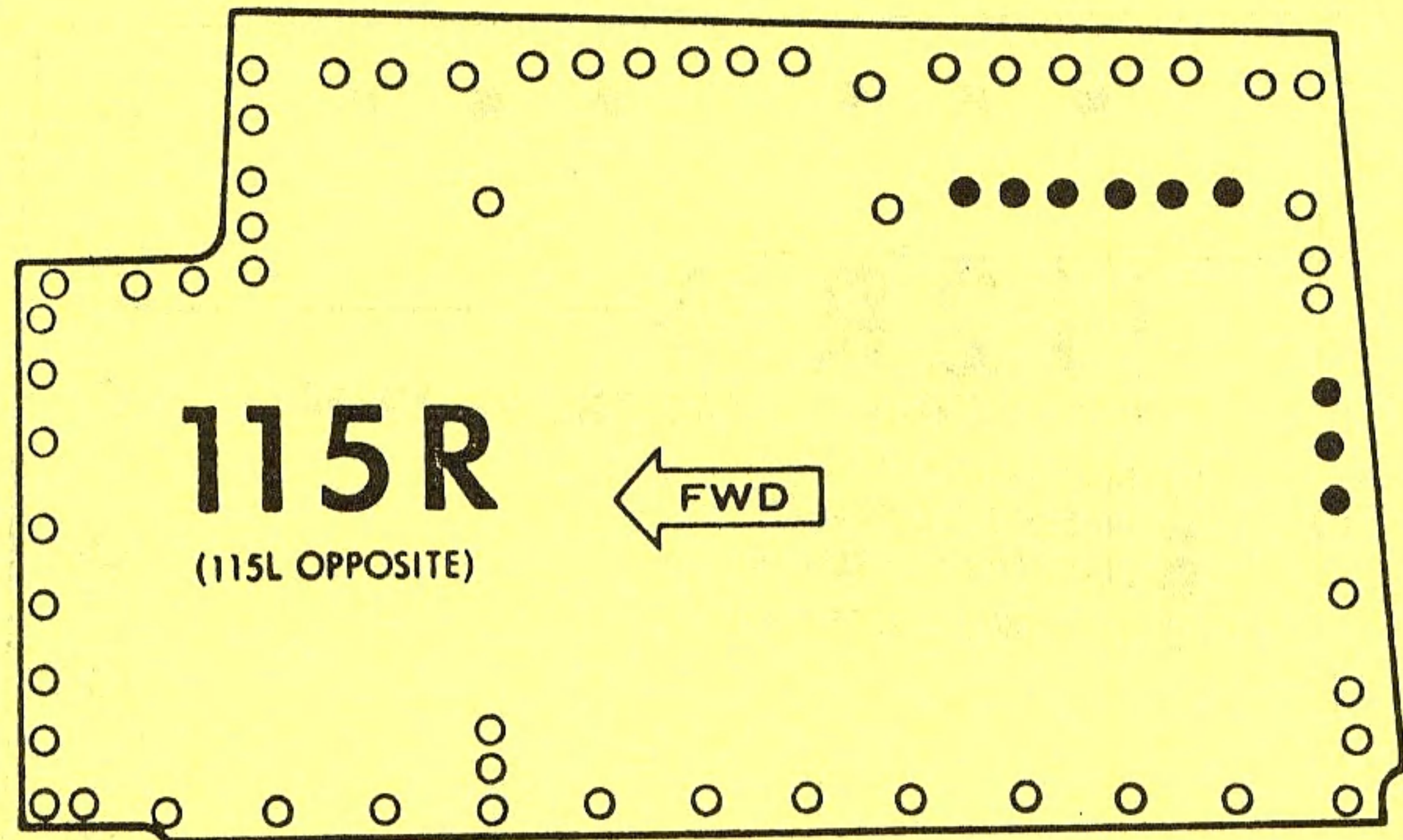
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17RH

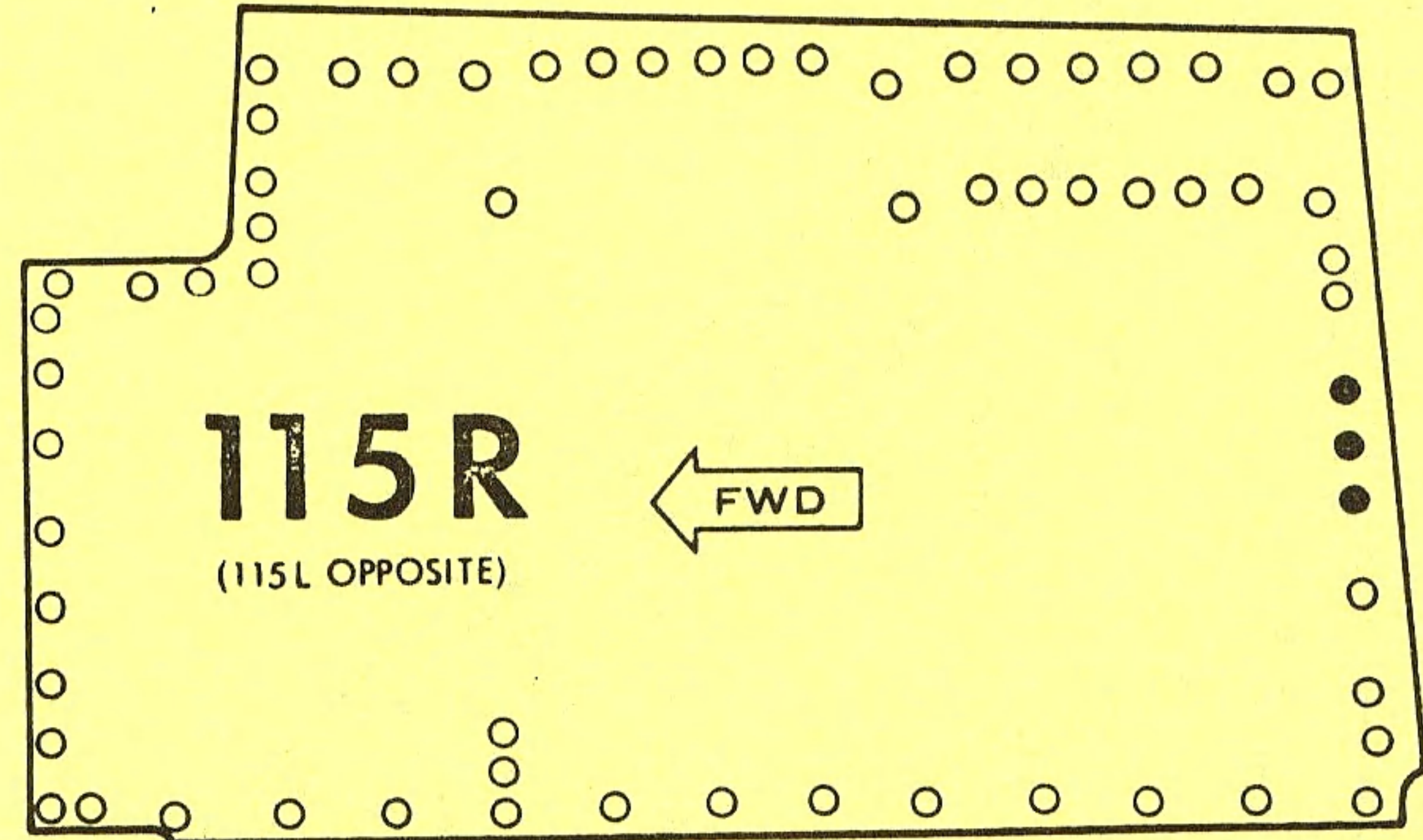


# EXTERNAL ACCESS DOORS (F-4B)

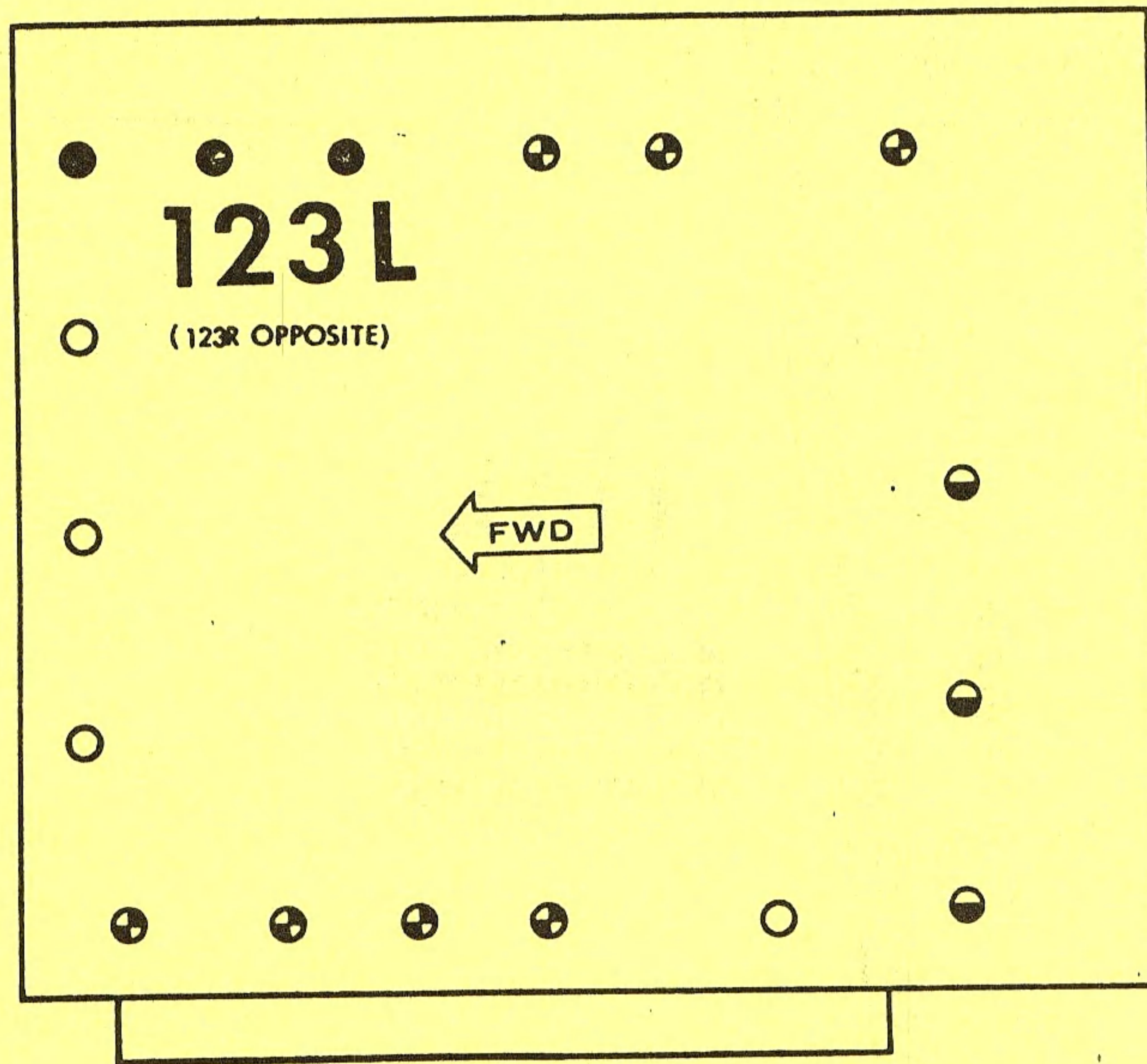
TDDR-50  
VOLS 1 THRU 5



F-4B AIRCRAFT 151427 AND UP  
○ AN509-10R15 SCREW(56)  
● AN509-10R14 SCREW(9)



F-4B AIRCRAFT 148363f THRU 151426p  
○ AN509-10R15 SCREW(62)  
● AN509-10R14 SCREW(3)



F-4B AIRCRAFT 148363f THRU 149450j  
○ NAS333CFA6-5 SCREW (4)  
● NAS333CFA5-5 SCREW (3)  
⊕ NAS333CFA4-5 SCREW (3)  
⊖ NAS333CFA5 SCREW (7)

1.1MH32-7624-8

ISSUE DATE: 1 NOVEMBER 1965

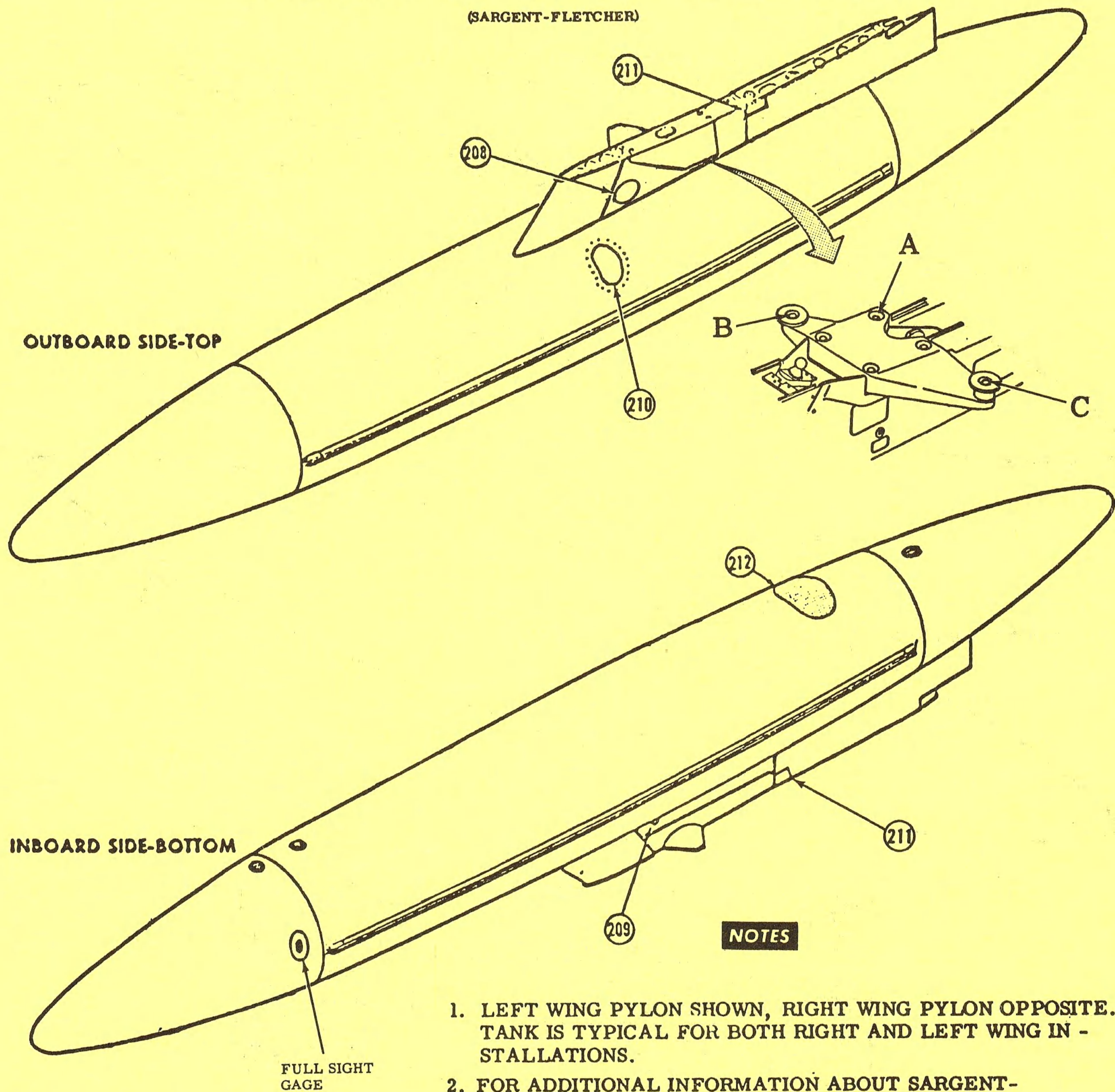
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18 LH

EXTERNAL WING FUEL TANK AND PYLON

(SARGENT-FLETCHER)



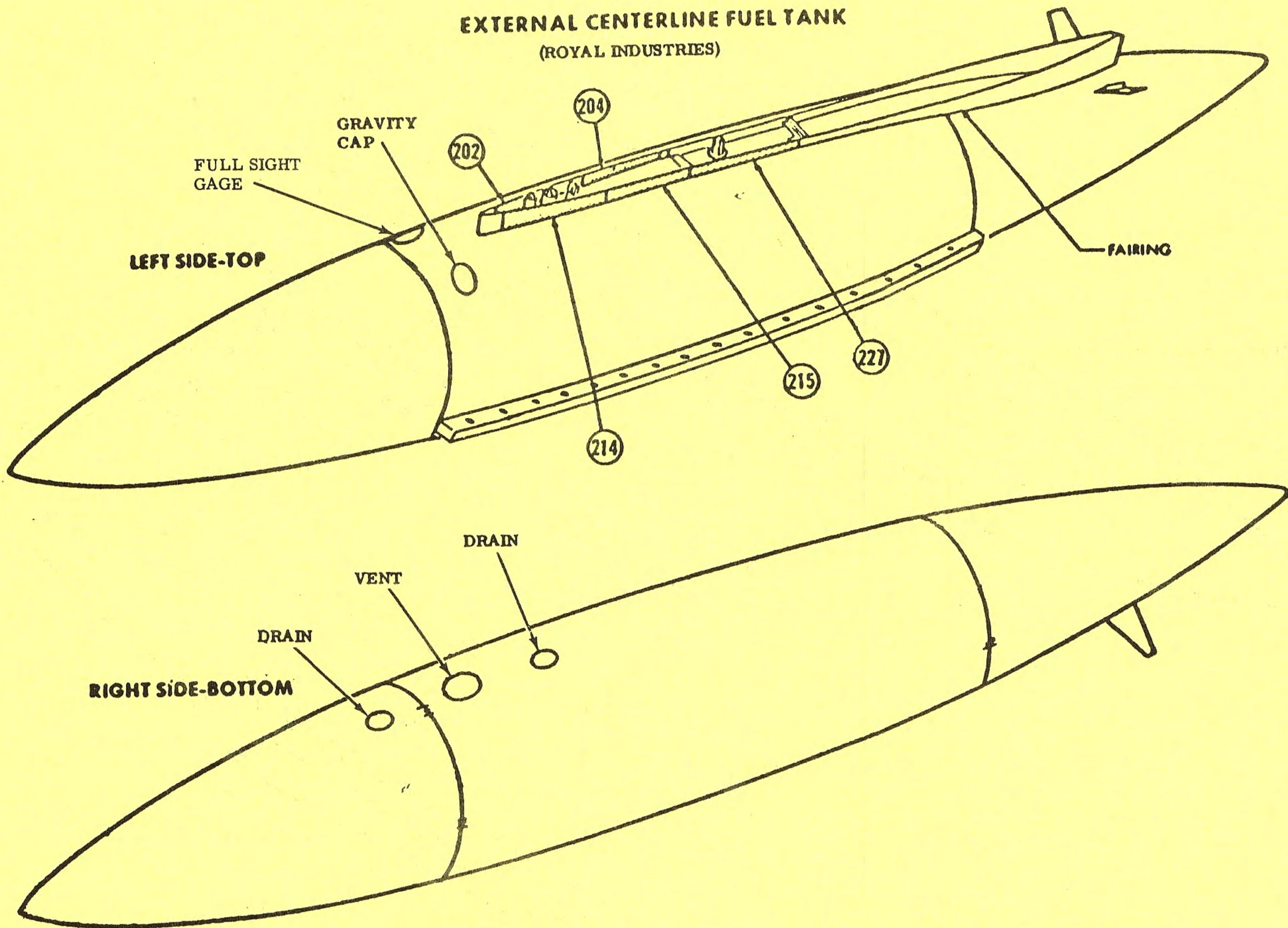
**NOTES**

1. LEFT WING PYLON SHOWN, RIGHT WING PYLON OPPOSITE. TANK IS TYPICAL FOR BOTH RIGHT AND LEFT WING INSTALLATIONS.
2. FOR ADDITIONAL INFORMATION ABOUT SARGENT-FLETCHER TANKS, SEE T.O. 6J14-2-18.3

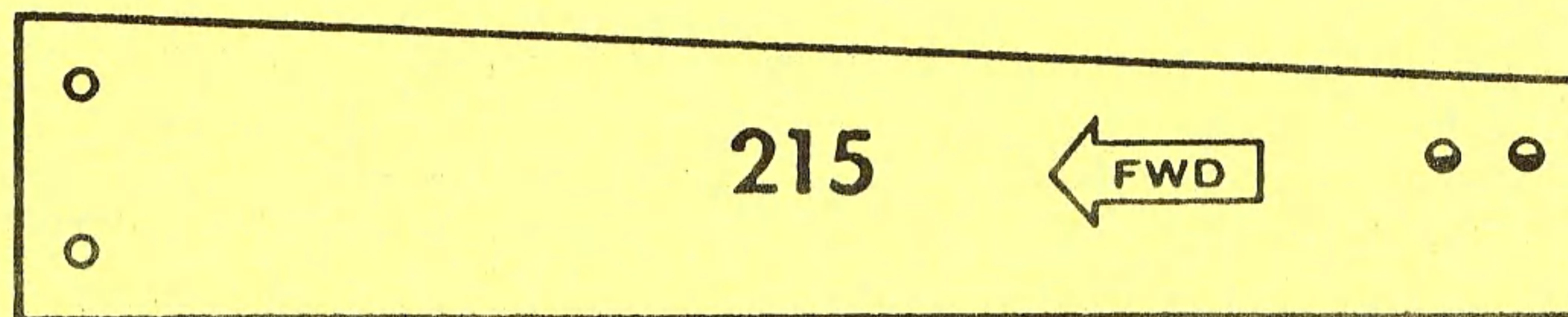
DOOR NO.	EQUIPMENT	DOOR FASTENERS
208 L & R	CARTRIDGE	AIRLOC FASTENERS (2)
209 L & R	FIRING PIN	AN509-10R9 SCREW (2)
210	PYLON MOUNT BOLTS	NAS 221-10 (12)
211 L & R	ADJUSTABLE BEARING PAD	AIRLOC FASTENERS (2)
212	FUEL AND AIR DISCONNECT FITTINGS	NAS 221-10 (12)
A	SWAY BRACE ATTACH BOLT	NAS 340CA23 (4)
B	PAD ATTACH SCREW	AN 509-416R27
C	PAD ATTACH SCREW	AN 509-416R13

# EXTERNAL ACCESS DOORS (F-4B)

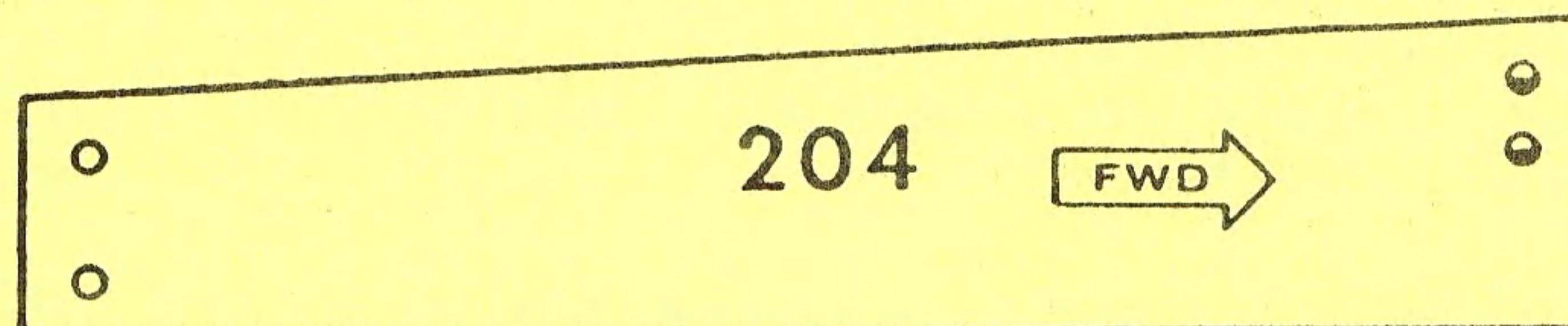
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DOOR NO.	EQUIPMENT	DOOR FASTENERS
202	FUEL, AIR, AND ELECTRICAL DISCONNECTS	AN509-10R7 SCREW (4)
204	EJECTION RACK ADJUSTMENT	SEE DETAIL
214	FUEL, AIR, AND ELECTRICAL DISCONNECTS	AN509-10R10 SCREW (4)
215	EJECTOR FOOT ADJUSTMENT	SEE DETAIL
227	AFT SUSPENSION LUG	AN509-10R6 SCREW (4)



○ AN509-10R10 SCREW (2)  
● AN509-10R6 SCREW (2)



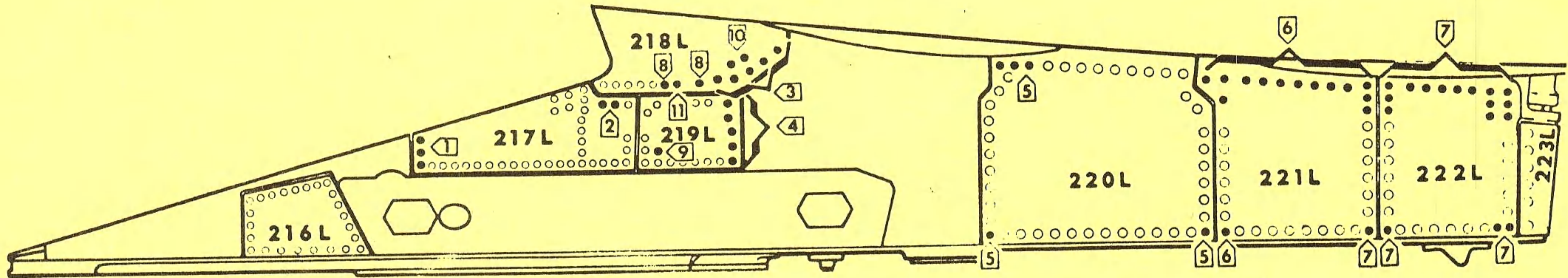
○ AN509-10R7 SCREW (2)  
● AN509-10R8 SCREW (2)

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# EXTERNAL ACCESS DOORS (F-4B)

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## WING MISSILE PYLON (OUTBOARD VIEW)



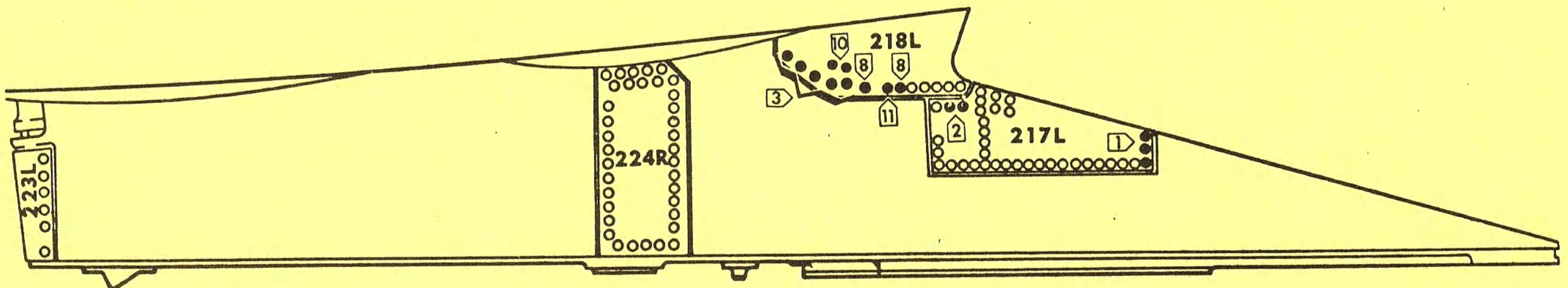
DOOR NO.	EQUIPMENT	DOOR FASTENERS AND NO. REQUIRED PER DOOR
216 L & R	RELEASE MECHANISM INERTIA WEIGHT BELLCRANK INERTIA WEIGHT BELLCRANK RETURN SPRING DETENT CAM DETENT CAM SPRING	* AN507-10R11 SCREW (24) OUTBOARD SIDE
217 L & R	ELECTRICAL DISCONNECT UMBILICAL PLUG UMBILICAL PLUG INSERTION MECHANISM STOWED ELECTRICAL PLUG (FOR L.A.U./7A LAUNCHERS) PARTS STOWAGE BAG	* AN509-10R14 SCREW (62 INCLUDING BOTH SIDES) ① AN509-416R13 SCREW (3 EACH SIDE) ② AN509-10R12 SCREW (2 EACH SIDE)
218 L & R	ELECTRICAL PYLON ELECTRICAL DISCONNECT NUT RETAINER	* AN509-10R12 SCREW (5 EACH SIDE) ③ AN509-416R18 SCREW (5 EACH SIDE) ⑧ AN509-10R14 SCREW (2 EACH SIDE) ⑩ AN509-416R16 SCREW (2 EACH SIDE) ⑪ AN509-416R13 SCREW (1 EACH SIDE)
219 L & R	EXPLOSIVE BOLT EXPLOSIVE BOLT SAFETY PIN SWITCH PYLON RETAINER NUT EXPLOSIVE BOLT ELECTRICAL PLUG STRAY VOLTAGE TEST RECEPTACLE (BACK SIDE)	* AN509-10R14 SCREW (14) ④ AN509-416R18 SCREW (5) ⑨ AN509-416R13 SCREW (1)
220 L & R	ELECTRONICS T-76/APA-128 TUNING DRIVE RELAY PANEL	* AN509-10R16 SCREW (39) ⑤ AN509-416R17 (5)
221 L & R	COVER PLATE STOWAGE LEADING EDGE FLAP COVER PLATE	* AN509-10R11 SCREW (20) ⑥ AN509-416R16 SCREW (15)
222 L & R	REAR SIGNAL HORN REAR SIGNAL HORN	* AN509-10R15 SCREW (17) ⑦ AN509-416R16 SCREW (17)
223 L & R	ATTACH BOLT FITTING RETAINER BOLT	* AN509-10R10 SCREW (6 EACH SIDE)
① 224 L & R	ELECTRICAL-MULTIPLE WEAPONS FUZE FUNCTION CONTROL CONNECTOR MULTIPLE WEAPONS DISCONNECT	* NAS 334CF10 (36)

### NOTE

\* INDICATES THE TYPE OF FASTENER NOT SPECIFICALLY FLAGGED.

① AIRPLANES 150406L AND UP

## (INBOARD VIEW)



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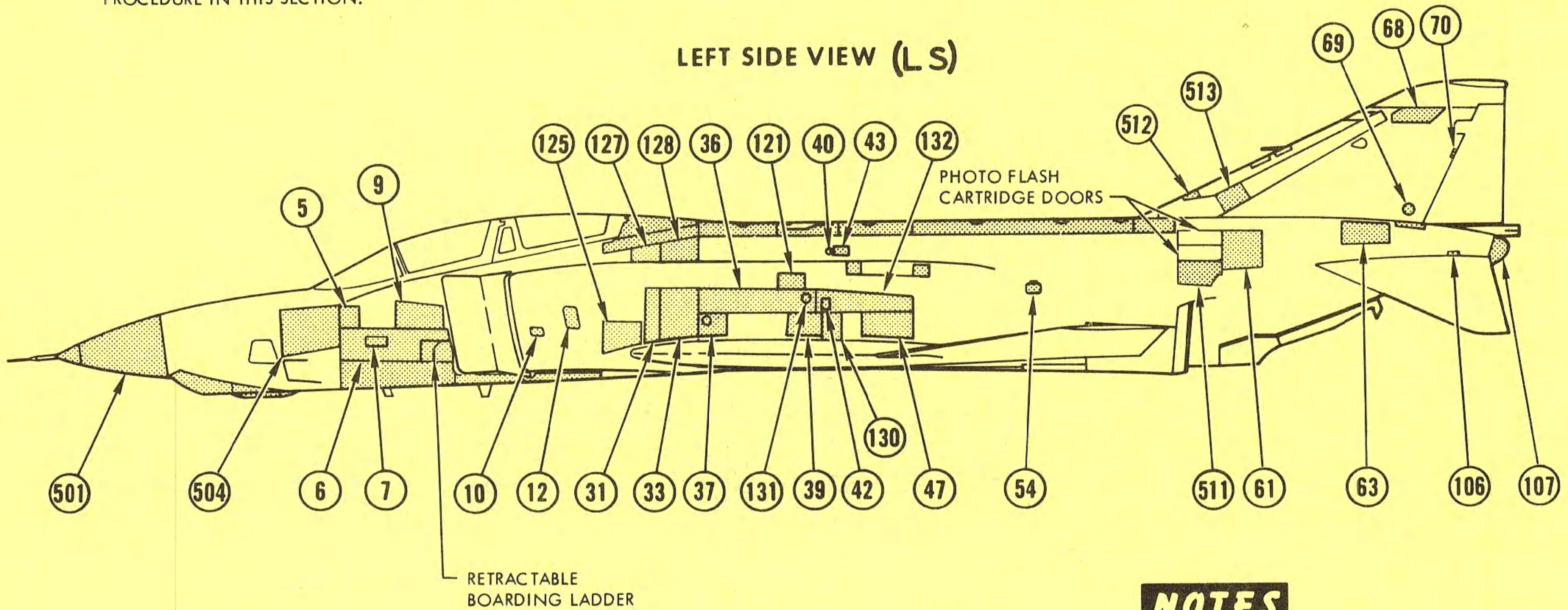
# EXTERNAL ACCESS DOORS (RF-4B)

TDDR-50(RF)  
VOLS 1 THRU 7

## CAUTION

- 1 BEFORE FLIGHT, ALL FASTENERS ON ALL ACCESS DOORS MUST BE PROPERLY INSTALLED AND TIGHTENED. GUARD AGAINST ANY MISSING, DEFECTIVE, BROKEN, OR IMPROPERLY INSTALLED FASTENERS.
- 2 DURING REMOVAL OR INSTALLATION OF DOOR 36L & R AND DOORS 132L & R, IT MAY BE NECESSARY TO JACK THE TAIL OF THE AIRCRAFT TO ALIGN THE DOORS. REFER TO TAIL JACKING PROCEDURE IN THIS SECTION.

LEFT SIDE VIEW (LS)



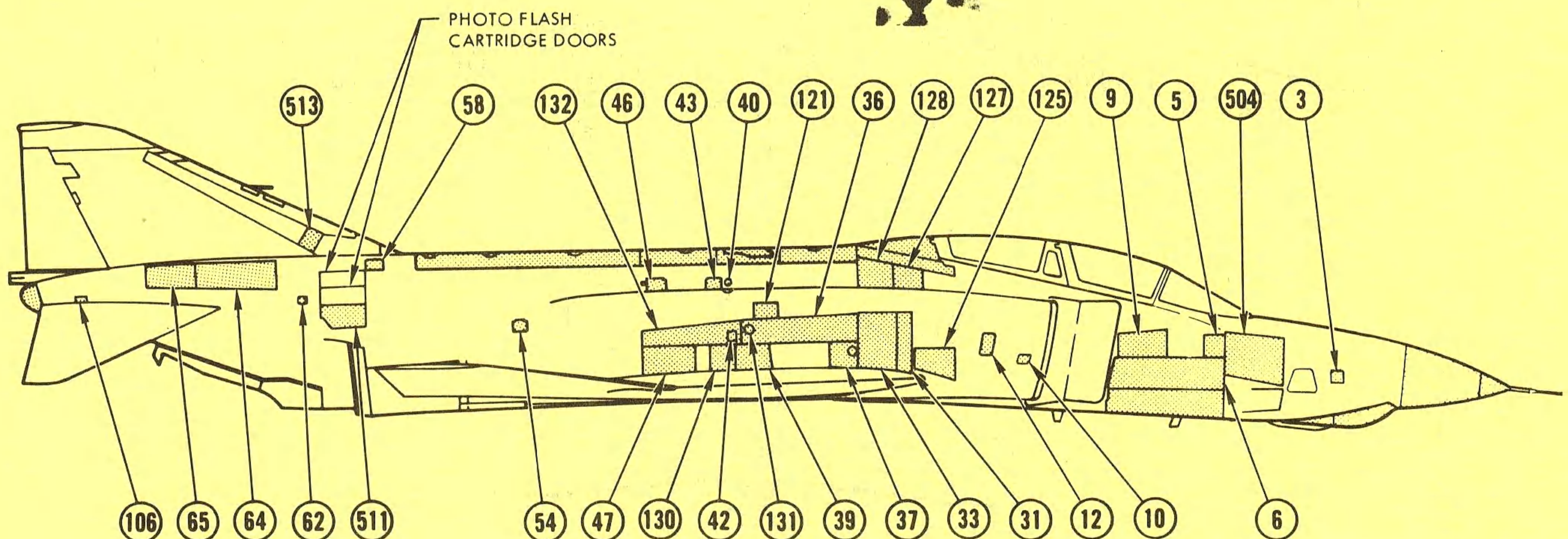
## NOTES

## NOTE

RF-4B AIRCRAFT 151979+ THRU 151978u

- ▲ DOOR HAVING FASTENERS OF THE SAME DIAMETER WITH DIFFERENT LENGTHS REQUIRING INSTALLATION IN SPECIFIC HOLES ARE ILLUSTRATED SEPARATELY. REFER TO ACCESS DOOR FASTENER PATTERNS.
- \* HI-TORQUE FASTENERS. REMOVE AND INSTALL ONLY WITH PROPER ADAPTER. REFER TO HI-TORQUE FASTENERS REMOVAL AND INSTALLATION.
- \*\* DOOR WHICH MUST BE INSTALLED OR REPLACED WITH STRESS FRAMES TO ACCOMPLISH CERTAIN MAINTENANCE OPERATIONS. REFER TO MINIMUM STRUCTURAL ACCESS DOOR REQUIREMENTS.

RIGHT SIDE VIEW (RS)



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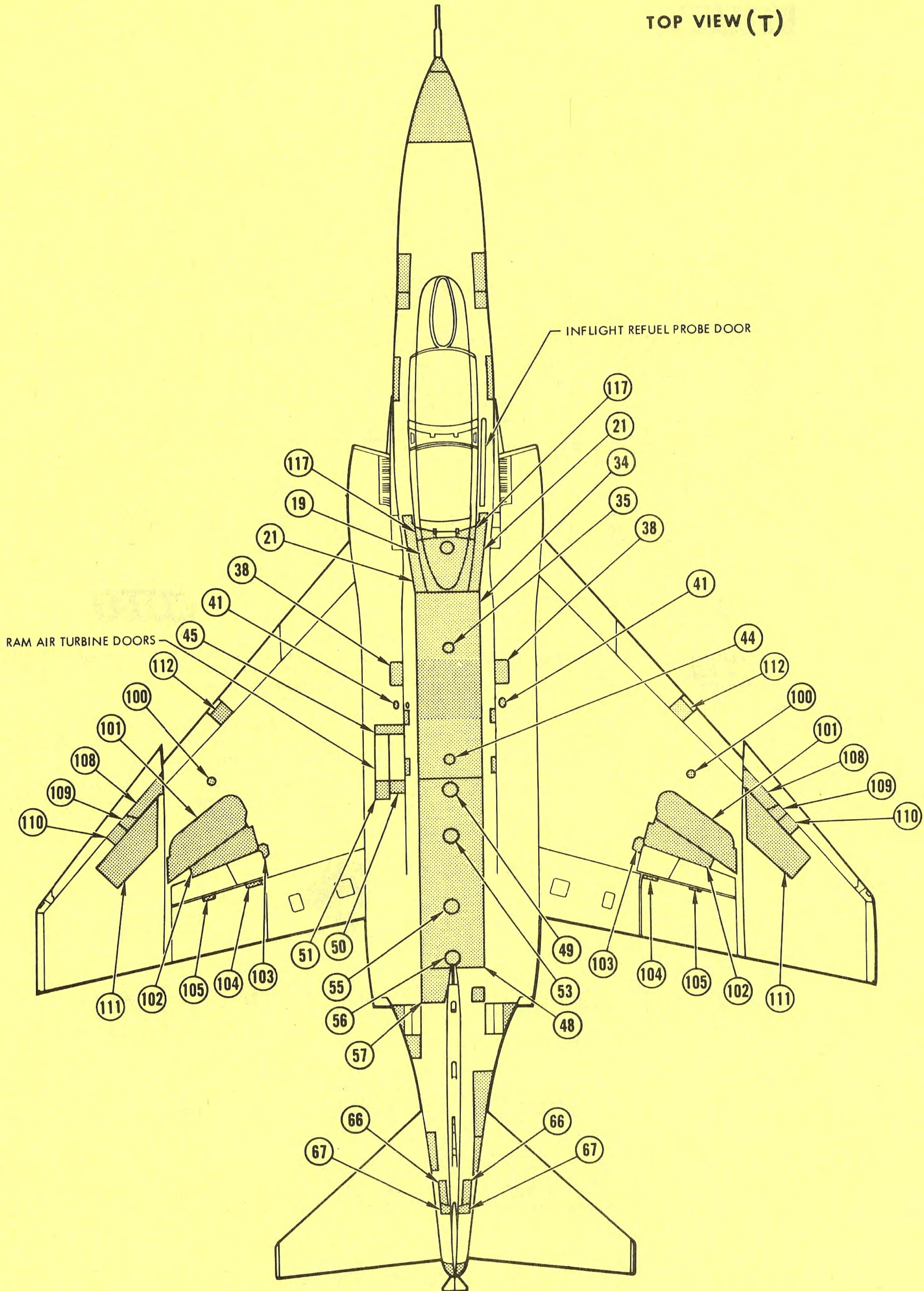
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23 R4

# EXTERNAL ACCESS DOORS (RF-4B)

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TOP VIEW (T)



1. 1MH32(R)-20291-2  
R/TS32-107A-2

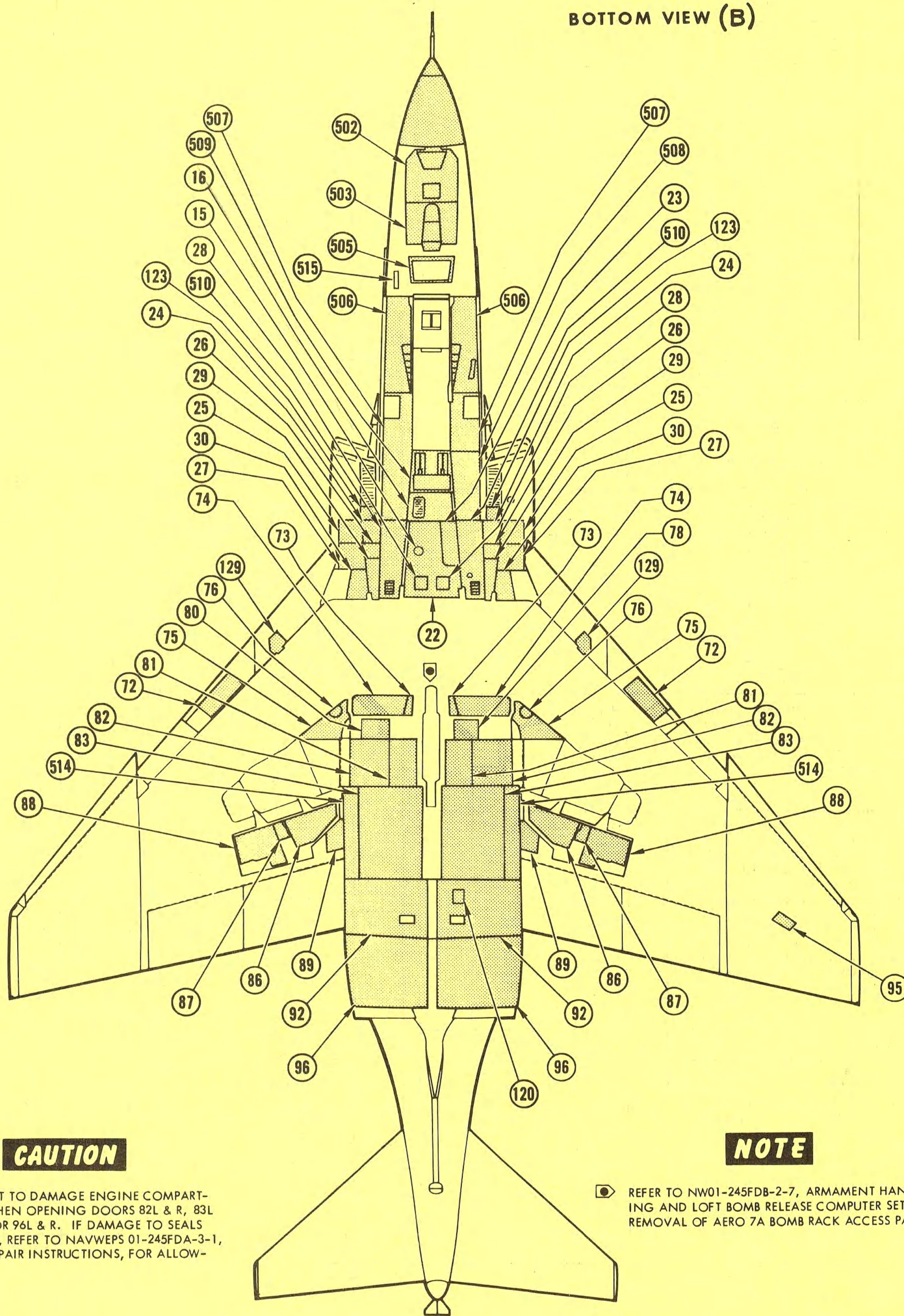
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# EXTERNAL ACCESS DOORS (RF-4B)

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BOTTOM VIEW (B)



### CAUTION

TAKE CARE NOT TO DAMAGE ENGINE COMPARTMENT SEALS WHEN OPENING DOORS 82L & R, 83L & R, 92L & R, OR 96L & R. IF DAMAGE TO SEALS IS NOTICEABLE, REFER TO NAVWEPS 01-245FDA-3-1, STRUCTURAL REPAIR INSTRUCTIONS, FOR ALLOWABLE LIMITS.

### NOTE

REFER TO NW01-245FDB-2-7, ARMAMENT HANDLING AND LOFT BOMB RELEASE COMPUTER SET, FOR REMOVAL OF AERO 7A BOMB RACK ACCESS PANEL.

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# EXTERNAL ACCESS DOORS (RF-4B)

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DOOR NO.	EQUIPMENT	VIEW	DOOR FASTENERS
501	(a) PITOT & STATIC LINE DRAINS (b) RECEIVER ANTENNA, APQ-99 (c) RADAR TRANSMITTER, APQ-99 (d) PROGRAMMER POWER SUPPLY, APQ-99 (e) COMPUTER COMMAND, APQ-99 (f) FORWARD ASSEMBLY MOUNTING, APQ-99 (g) LEVELING AMPLIFIER - POWER SUPPLY (h) ROLL AND PITCH DISPLACEMENT GYROSCOPE (i) DIRECTIONAL DISPLACEMENT GYROSCOPE	LS	MS20005-27 BOLT (2) (ACCESSIBLE THRU DOOR 502) HINGED
502	(a) STILL PICTURE CAMERA, KS-72A (b) LOW ALTITUDE PANORAMIC STILL PICTURE CAMERA CONTROL UNIT (c) AIRCRAFT CAMERA PARAMETERS CONTROLS LA-311A (d) PHOTO SYSTEM POWER, CONTROL AND ADAS DISTRIBUTION PANEL (e) CAMERA CONTROL PHOTOFLASH DETECTOR TEST SWITCH (f) WINDOW DEFOG BLOWER ASSEMBLY (g) G-LIMIT ACCELEROMETER, ASA-320 (h) FWD CAMERA STATION INFLIGHT ROTATABLE MOUNT	B	MILSON FASTENERS (21) AND MECHANICAL LATCHING MECHANISM  HINGED
503	(a) LOW ALTITUDE PANORAMIC STILL PICTURE CAMERA, KA-56A (b) AERIAL PHOTOGRAPHIC FILM CASSETTE ELECTOR SET, LS-53A (c) STILL PICTURE CAMERA, KS-72A (d) LEVELING AMPLIFIER POWER SUPPLY (e) DIRECTIONAL DISPLACEMENT GYRO (f) ROLL AND PITCH DISPLACEMENT GYRO (g) LOW ALTITUDE CAMERA STATION ROTATABLE MOUNT	B	MILSON FASTENERS (12) AND MECHANICAL LATCHING MECHANISM  HINGED
504L	(a) HIGH ALTITUDE PANORAMIC STILL PICTURE CAMERA, KA-55A (b) STILL PICTURE CAMERA, KS-72A (c) AIRCRAFT CAMERA MOUNT SET, LS-58A	LS	MILSON FASTENERS (21) HINGED
504R	(a) CONVERTER-POWER SUPPLY, ALR-17 (b) HIGH ALTITUDE PANORAMIC STILL PICTURE CAMERA, KA-55A (c) STILL PICTURE CAMERA, KS-72A (d) AIRCRAFT CAMERA MOUNT SET, LS-58A (e) RAIN REMOVAL VALVE (f) RAIN REMOVAL BY-PASS VALVE (g) AERIAL MAPPING AND PHOTOGRAPHIC RECON VIEWFINDER (h) DEHYDRATOR	RS	MILSON FASTENERS (21)  HINGED
505	(a) HIGH ALTITUDE PANORAMIC STILL PICTURE CAMERA, KA-55A (b) AIRCRAFT MAPPING CAMERA, TYPE T-11 (c) STILL PICTURE CAMERA, KS-72A (d) AIRCRAFT CAMERA MOUNT SET, LS-58A	B	AN509-10R12 SCREWS (19)  HINGED

DOOR NO	EQUIPMENT	VIEW	DOOR FASTENERS
506 L/R	(a) (L) ANTENNA, APQ-102 (b) (R) ANTENNA, APQ-102 (c) (L) ANTENNA CONTROL GROUP, APR-102 (d) (R) ANTENNA CONTROL GROUP, APQ-102 (e) (L) ANTENNA CONTROL, APQ-102 (f) (R) ANTENNA CONTROL, APQ-102 (g) (L) LANDING GEAR EMERGENCY AIR BOTTLE (h) (R) BRAKE EMERGENCY AIR BOTTLE	B	AN509-416R13 SCREWS (24) HINGED RADAR MAPPING RANDOM
507L	(a) ANTENNA GROUP, ALR-17 (b) RADAR MAPPING RECORDER, APQ-102 (c) SENSOR (d) SOLENOID (e) ANTICIPATOR (f) ALTITUDE PRESSURE SWITCH (g) LATERAL CONTROL OVERRIDE SPRING CARTRIDGE	B	MILSON FASTENERS (17) HINGED
507R	(a) ANTENNA GROUP, ALR-17 (b) AMPLIFIER-MODULATOR, APQ-102 (c) FREQUENCY CONVERTER-TRANSMITTER, APQ-102 (d) LATERAL CONTROL OVERRIDE SPRING CARTRIDGE	B	MILSON FASTENERS (28) HINGED
508	(a) RADAR MAPPING RECORDER, APQ-102 (b) AIRCRAFT BATTERY	B	MILSON FASTENERS (16) HINGED
509	(a) INFRARED RECEIVER, AAS-18 (b) INFRARED MAPPING RECORDER, AAS-18 (c) FILM MAGAZINE, AAS-18	B	MILSON FASTENERS (14) HINGED
510L	(a) CAMERA CONTROL PHOTOFLASH DETECTOR, LA-285A (b) RADAR RECEIVER TRANSMITTER, APN/159 (c) POWER SUPPLY, APN/159	B	MILSON FASTENERS (35)
510R	(a) GENERATOR CONTROL PANELS (b) FREQUENCY AND LOAD CONTROL BOX	B	MILSON FASTENERS (35)
511L	(a) ANTENNA COUPLER CONTROL, ARC-105 (b) PHOTOFLASH DOORS SELECTOR VALVE (c) AFT FUSELAGE COOLING AIR DUCTS (d) ARRESTING GEAR SURGE DAMPER (e) ARRESTING GEAR SELECTOR VALVE (f) ARRESTING GEAR CYLINDER	LS	AN509-1032R14 SCREW (30) AN509-416R20 SCREW (1)
511R	(a) RADIO RECEIVER-TRANSMITTER, ARC-105 (b) PHOTOFLASH DOORS SELECTOR VALVE (c) ARRESTING GEAR ACTUATOR		NAS333CFA6-5 BOLT (25) NAS334CFA7-5 BOLT (23)
512	(a) HF COMMUNICATIONS ANTENNA (b) HF TRANSMISSION LINE, ARC-105 (c) CAPACITOR FEED LINE, ARC-105	LS	AN509-10R10 SCREW (16)
513L	(a) VARIABLE VACUUM DIELECTRIC CAPACITOR, ARC-105 (b) CAPACITOR INTERCONNECT, ARC-105 (c) CAPACITOR FEED LINES, ARC-105	LS	AN509-1032R14 SCREW (30) AN509-416R20 SCREW (1)
513R	(a) VARIABLE VACUUM DIELECTRIC CAPACITOR, ARC-105 (b) CAPACITOR INTERCONNECT, ARC-105 (c) CAPACITOR FEED LINE, ARC-105	RS	NAS333CFA6-5 BOLT (25) NAS334CFA7-5 BOLT (23)
514	(a) DOOR 83L/R FASTENERS (b) AFT BLC VALVES	B	AIRLOC FASTENERS (10)
515	(a) OPTICAL VIEWFINDER	B	AN509-10R-17 (8) HINGED

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DOOR NO.	EQUIPMENT	VIEW	DOOR FASTENERS
3	(a) ANGLE OF ATTACK TRANSMITTER	RS	AN509-10R9 SCREW (18)
5L **	(a) ELECTRICAL CABLING	LS	AN509-10R12 SCREW (42)
5R **	(a) EMERGENCY VENT VALVE (b) CAUTION LIGHTS CONTROL UNIT	RS	AN509-10R12 SCREW (42)
6L	(a) EQUIPMENT REFRIGERATION UNIT	LS	AN509-10R13 SCREW (82) NAS 334 CFA-4.5 (2)
6R	(a) CABIN REFRIGERATION UNIT	RS	AN509-10R13 SCREW (83)
7	(a) EMERGENCY CANOPY JETTISON HANDLE	LS	HINGED H720051-LATCH
9L **	(a) THROTTLE QUADRANT (b) PILOT'S ANTI-G VALVE (c) LEFT CONSOLE ACCESS (d) THROTTLE QUADRANT TELESCOPIC UNIT (e) CANOPY SEAL BLEED AIR FILTER (f) RAM AIR TURBINE SELECTOR VALVE	LS	AN509-10R-11 SCREW (76) AN509-416R-13 SCREW (3)
9R **	(a) CABIN TEMP CONTROLLER (b) CAUTION LIGHTS CONTROL UNIT (c) RIGHT CONSOLE ACCESS	RS	AN509-10R-11 SCREW (76) AN509-416R-13 SCREW (4)
10L	(a) BELLMOUTH STATIC PORT LINE	LS	NAS333CFA5 (22)
10R	(a) BELLMOUTH STATIC PORT LINE	RS	NAS333CFA5 (22)
12L	(a) BELLMOUTH PITOT PROBE AND HEATER	LS	NAS333CFA-6-5 SCREW (41)
12R	(a) BELLMOUTH PITOT PROBE AND HEATER	RS	NAS333CFA-6-5 SCREW (41)
15	(a) HYD RESERVOIR FLUID LEVEL INDICATOR (UTILITY)	B	9M142-300-4 ASSY. (1)
16	(a) CANOPIES EMER. JETTISON AIR BOTTLES AND PRESSURE GAGES (b) LIQUID OXYGEN CONVERTER (c) LIQUID OXYGEN FILLER, BUILD-UP AND VENT VALVE (d) PITOT STATIC DRAINS AND TEST FITTINGS (e) ADC FILTER, WATER TRAP AND TEST FITTING		MILSON FASTENER (14) HINGED
19 **	(a) COMPUTER-REFERENCE SIGNAL GENERATOR, APQ-102 (b) RECORDER CONTROL, APQ-102 (c) UPPER FUSELAGE LT TRANSFORMER (BRT AND DIM) (d) IFF ANTENNA (e) STATIC EXCITER REGULATORS (f) TACAN COAX SWITCH (g) TACAN ANTENNA SELECTOR (h) RADIO RECEIVER TRANSMITTER ASQ-88 (i) AMPLIFIER-POWER SUPPLY-RECEIVER, ASQ-19 (j) CODER-RECEIVER-TRANSMITTER, ASQ-19 (k) PULSE DECODER ASQ-88	T	HINGED MILSON FASTENERS (49)
21 L & R **	(a) STABILATOR AND RUDDER CONTROL BELLCRANK	T	AN509-10R13 SCREW (117)

DOOR NO.	EQUIPMENT	VIEW	DOOR FASTENERS
22 **	(a) HYD SOLENOID-OPERATED SELECTOR VALVES MANIFOLD (b) HYD RESERVOIR (UTILITY) (c) AIR COMPRESSOR (HIGH PRESS. PNEUMATIC SYSTEM) (d) PRESS. TRANSMITTER (HIGH PRESS. PNEUMATIC SYSTEM) (e) CHEMICAL DRIERS (HIGH PRESS. PNEUMATIC AND ELECTRONIC EQUIP PRESSURIZATION SYSTEMS) (f) MOISTURE SEPARATOR (HIGH PRESS. PNEUMATIC SYSTEM) (g) NO. 1 FUSELAGE FUEL TANK (h) NO. 1 FUEL QUANTITY TANK UNIT (LOWER) AND COMPENSATOR (i) FUEL BOOST PUMPS (j) L & R ENGINE FUEL STRAINERS (k) L & R ENGINE SHUT-OFF VALVES (l) L & R WING TANK PRESS. REGULATOR (m) L & R WING TANK PRESS. VACUUM RELIEF VALVE (n) REFUELING SHUT-OFF VALVE (o) DEFUELING SHUT-OFF VALVE (p) EXTERNAL CENTERLINE TANK PRESS. REGULATOR (q) EXTERNAL CENTERLINE TANK FUEL FLOW SWITCHES (r) EXTERNAL CENTERLINE TANK SHUT-OFF VALVE (s) L & R WING FUEL LEVEL CONTROL VALVE (t) HYDRAULIC/FUEL RADIATORS (u) HYD FILTER (UTILITY SUB-SYSTEM RET) (v) RELIEF VALVE, UTILITY HYD SYSTEM (w) AIR FILTER (AIR COMPRESSOR AND EQUIP PRESS. SYSTEM) (x) ABSOLUTE PRESS. REGULATORS AIR COMPRESSOR AND EQUIP PRESS. SYSTEM (y) RELIEF VALVE, ELECTRONIC EQUIP PRESS. SYSTEM (z) UTILITY HYD SYSTEM PRESS. TRANSMITTER, FUSE, AND SNUBBER.	B	HINGED  ▲
23 **	(a) UTILITY HYD SYSTEM ACCUMULATOR GROUND AIR CHARGE VALVE AND PRESS GAGE (b) UTILITY HYD SYSTEM EXTERNAL POWER RECEPTACLES (PRESS., RETURN, AND RESERVOIR FILLER) (c) FUEL TANKS EXTERNAL PRESSURIZATION AIR CONNECTION (d) UTILITY HYD SYSTEM MANIFOLD (FILTERS AND SYSTEM RELIEF VALVE)	B	HINGED  AIRLOC FASTENERS (13)

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DOOR NO.	EQUIPMENT	VIEW	DOOR FASTENERS
24 L & R	(a) (L) EMERG L G PRESS. OPERATED DUMP VALVE (b) (L) EXT PWR TRANS-RECTIFIER (c) HYD FILTERS (2) BELLMOUTH ACTUATOR, SHOCK CONTROLLER, AND VARIABLE RAMP SERVO ACTUATORS. (d) (R) LOWER FUS LT TRANSFORMER (BRIGHT)	B	AN509-10R13 SCREW (33)
25 L & R	(a) LOWER FUSELAGE LIGHT TRANSFORMER (b) LOWER FUSELAGE (DIM) LIGHT TRANSFORMER	B	AN509-10R15 SCREW (43)
26 L & R	(a) (L) EXT ELECT POWER RECEPTACLE (b) (R) GROUND REFUELING RECEPTACLE	B	HINGED AIRLOCK FASTENERS (7)
27 L & R	(a) RECEIVER-TRANSMITTER APN-141 (b) RF SWITCHING UNIT APN-141 (c) UTILITY HYDRAULIC SYSTEM ACCUMULATOR	B	AN509-10R13 SCREW (41) R AN509-10R13 SCREW (41) L
28 L & R	(a) (L & R) STRAINER REPLACEMENT ELBOW DRAIN (b) (L) NO. 1 FUS FUEL TANK MANUAL DRAIN (c) (R) HIGH PRESS. PNEUMATIC SYSTEM GROUND AIR CHARGE VALVE AND PRESS. GAGE (d) (L) HIGH PRESS. PNEUMATIC SYSTEM AIR COMPRESSOR OIL LEVEL SIGHT GAGE	B	HINGED AIRLOC FASTENERS (10)
29 L & R	(a) HYDRAULIC LINES	B	AN509-10R15 SCREW (41)
30L	(a) EMERGENCY FLAP AIR BOTTLE (b) LEADING EDGE BLC SHUT-OFF VALVE (c) EMERGENCY FLAP AIR BOTTLE	B	AN509-10R15 SCREW (41)
30R	(a) LEADING EDGE BLC SHUT - OFF VALVE (b) CANOPY NORMAL AIR BOTTLE	B	AN509-10R15 SCREW (41)
31L	(a) LANDING GEAR HYD LINES (b) BELLMOUTH HYD LINES	LS	AN509-10R12 SCREW (52)
31R	(a) LANDING GEAR HYD LINES (b) BELLMOUTH HYD LINES	RS	AN509-10R12 SCREW (52)
33L	(a) UTILITY SYSTEM HYDRAULIC ACCUMULATOR (b) BELLMOUTH CONTROLLER (c) LATERAL CONTROLS BELL-CRANK (d) BELLMOUTH SYSTEM AIR FILTER	LS	AN509-10R13 SCREW (107)
33R	(a) BELLMOUTH CONTROLLER (b) LATERAL CONTROLS BELL-CRANK (c) BELLMOUTH SYSTEM AIR FILTER	RS	AN509-10R13 SCREW (107)
34 **	(a) CONTROL CABLES (b) NO. 2 FUSELAGE FUEL TANK (c) NO. 3 FUSELAGE FUEL TANK (d) TRANSFER PUMP PRESS. SWITCH (e) TRANSFER LEVEL CONTROL VALVE (f) REFUELING LEVEL CONTROL VALVE (g) DRAG CHUTE TURNBUCKLE (h) UPPER FUSELAGE LIGHT TRANSFORMER	T	NAS333CFA-6 (314) NAS333CFA-11 (2)

DOOR NO	EQUIPMENT	VIEW	DOOR FASTENERS
35	(a) NO. 2 FUEL QUANTITY TANK UNIT	T	NAS333CFA5-5 SCREW (15) 294347-5-8 SCREW (1)
36L **	(a) PC I HYDRAULIC SYSTEM FUSE AND SNUBBER (b) PC I HYDRAULIC PRESSURE SWITCH (c) UTILITY HYDRAULIC PRESSURE FILTER	LS	▲
36R **	(a) PC II HYDRAULIC SYSTEM FUSE AND SNUBBER (b) PC II HYDRAULIC PRESSURE SWITCH (c) UTILITY HYDRAULIC PUMPS CASE DRAIN DUAL FILTER	RS	▲
37L	(a) LATERAL CONTROLS BELL-CRANK (b) MISC HYD LINES (c) PC-I HYDRAULIC PRESSURE TRANSMITTER	LS	▲
37R	(a) LATERAL CONTROLS BELL-CRANK (b) MISC HYD LINES ACCESS (c) PC-II HYDRAULIC PRESSURE TRANSMITTER	RS	▲
38 L & R	(a) BELLMOUTH BELLCRANK	T	NAS333CFA5-5 SCREW (27) NAS333CFA6-5 SCREW (24)
39L	(a) BELLMOUTH BELLCRANK (b) LATERAL CONTROLS BELL-CRANK	LS	▲
39R	(a) BELLMOUTH BELL CRANK (b) LATERAL CONTROLS BELL-CRANK	RS	▲
40L	(a) FORWARD TOP ENGINE MOUNT	LS	9M142-250-5 ASSY (1)
40R	(a) FORWARD TOP ENGINE MOUNT	RS	9M142-250-5 ASSY (1)
41 L & R	(a) FWD. TOP ENG. MOUNT INSPECTION	T	9M142-350-5 ASSY (1)
42L	(a) FORWARD SIDE ENGINE MOUNT	LS	NAS333CFA5 SCREW (3) 294346-5-8 SCREW (1)
42R	(a) FORWARD SIDE ENGINE MOUNT	RS	NAS333CFA5 SCREW (3) 294346-5-8 SCREW (1)
43L **	(a) HYDRAULIC LINES	LS	NAS333CFA5 SCREW (26)
43R **	(a) HYDRAULIC LINES	RS	NAS333CFA5 SCREW (26)
44	(a) NO. 3 FUEL QUANTITY TANK UNIT	T	NAS333CFA5-5 SCREW (15) 294347-5-8 SCREW (1)
45 **	(a) EMERGENCY HYDRAULIC PRESSURE REGULATOR (b) RAM AIR TURBINE DOOR MECHANISM (c) RAM AIR TURBINE PNEUMATIC SEQUENCE VALVES	T	NAS333CFA5 SCREW (61)
46 **	(a) HYDRAULIC LINES	RS	▲
47L	(a) LATERAL CONTROLS BELL-CRANK	LS	NAS333CFA5-5 SCREW (65) NAS333CFA6 SCREW (2)
47R	(a) LATERAL CONTROLS BELL-CRANK	RS	NAS333CFA5-5 SCREW (63) NAS333CFA6 SCREW (2)

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DOOR NO.	EQUIPMENT	VIEW	DOOR FASTENERS
48 **	(a) CONTROL CABLES (b) NO. 4 FUSELAGE FUEL TANK (c) NO. 5 FUSELAGE FUEL TANK (d) NO. 6 FUSELAGE FUEL TANK (e) HYD. OPERATED FUEL TRANSFER PUMPS (f) ELEC. OPERATED FUEL TRANSFER PUMPS (g) TRANSFER PUMP PRESS. SWITCHES (h) FUSELAGE FUEL TANKS PRESS. REGULATOR (i) REFUELING LEVEL CONTROL VALVE (j) AIR FLOW REGULATOR (k) FUSELAGE FUEL TANKS PRESS. VACUUM RELIEF VALVE	T	NAS333CFA5-5 SCREW (268)
49	(a) FUEL TRANS PUMPS HYD SELECTOR VALVE	T	NAS333CFA5-5 SCREW (17) 294347-5-8 SCREW (1)
50 **	(a) RAM AIR TURBINE ACTUATOR	T	NAS333CFA5 SCREW (18) 294346-5-8 SCREW (1)
51 **	(a) RAM AIR TURBINE EMERGENCY GENERATOR (b) RAM AIR TURBINE ACTUATOR	T	NAS333CFA5 SCREW (37)
53	(a) NO. 4 FUEL QUANTITY TANK UNIT	T	NAS333CFA-5-5 SCREW (17) 294346-5-8 SCREW (1)
54L	(a) OUTBD UPPER TANGENTIAL ENG MOUNT BRACE	LS	AIRLOC FASTENERS (6)
54R	(a) OUTBD UPPER TANGENTIAL ENG MOUNT DISC	RS	AIRLOC FASTENERS (6)
55	(a) NO. 5 FUEL QUANTITY TANK UNIT	T	NAS333CFA-5-5 SCREW (17) 294347-5-8 SCREW (1)
56	(a) NO. 6 FUEL QUANTITY TANK UNIT	T	NAS333CFA-5-5 SCREW (17) 294347-5-8 SCREW (1)
57 **	(a) FUSELAGE FUEL TANKS' PRESS. VACUUM RELIEF VALVE (b) ELECTRIC FUEL TRANSFER PUMP	T	NAS333CFA6 SCREW (51) NAS333CFA6-5 SCREW (2)
58	(a) ELECTRICAL (b) HYDRAULICS	RS	NAS333CFA6 SCREW (23)
61	(a) ARRESTING GEAR CYLINDER (b) STABILATOR FEEL SYSTEM (c) TRIM ACTUATOR RELAY PANEL (d) RUDDER FEEL SYS SELECTOR VALVE	LS	AN509-416R13 SCREW (55)
62	(a) ARRESTING GEAR HYDRAULIC OIL SERVICING AND AIR CHARGE VALVE AND PRESSURE GAGE	RS	HINGED AIRLOC FASTENERS (2)
63	(a) HYD FILTER (PC I STAB. PWR CYL) (b) STABILATOR POWER CYLINDER (c) HYD FILTER (UTILITY SYS- RUDDER POWER SUBSYSTEM) (d) RUDDER FEEL SYSTEM (e) ARI HYDRAULIC SERVO	LS	AN509-416R13 (60) AN509-516R12 (2)
64	(a) PC II HYDRAULIC FILTER (b) UTILITY HYDRAULIC FILTER (c) STABILATOR FEEL TRIM BALANCE ASSY (d) DRAG CHUTE PULLEYS AND CABLES (e) ARRESTING HOOK PULLEYS AND CABLES (f) AILERON-RUDDER INTERCONNECT CONTROL AMPLIFIER	RS	AN509-416R13 SCREW (84)

DOOR NO.	EQUIPMENT	VIEW	DOOR FASTENERS
64 CONT	(g) STABILATOR CONTROL TORQUE TUBE AND CABLES (i) STABILATOR VISCOUS DAMPER (j) STABILATOR FEEL TRIM ACTUATOR AND RELAY PANEL (k) STABILATOR FORCE LINK COMPONENTS		
65	(a) RUDDER FEEL SYSTEM (b) STABILATOR POWER CYLINDER	RS	AN509-416R13 SCREW (60) AN509-516R12 SCREW (2)
66 L & R	(a) (R) RUDDER DAMPER (b) (L) RUDDER ACTUATOR (c) ARI HYDRAULIC SERVO	T	NAS333CFA6 SCREW (23) NAS333CFA10 SCREW (8)
67 L & R	(a) (R) RUDDER DAMPER (b) (L) RUDDER ACTUATOR (c) RUDDER COUNTERBALANCE WEIGHT (d) RUDDER POSITION TRANSMITTER	T	NAS333CFA5 SCREW (12) NAS333CFA7 SCREW (3)
68	(a) UHF COMMUNICATIONS ANTENNA (b) TAIL LIGHT TRANSFORMER	LS	AN509-10R12 SCREW (39)
69	(a) RUDDER ACTUATOR ATTACH BOLT (b) RUDDER DAMPER ATTACH BOLT	LS	AN509-10R10 SCREW (8)
70	(a) RUDDER ROTARY DAMPER	LS	AN509-10R9 SCREW (3)
72 L & R **	(a) LEADING EDGE FLAP ACTUATOR	B	▲
73 L & R 74 L & R **	(a) ENGINE DISCONNECTS - HYDRAULIC PUMP LINES (b) ENGINE DISCONNECTS - FORWARD DRAIN LINES (c) (L) EXTERNAL STORES AIR AND FUEL DISCONNECTS (d) EXTERNAL STORES FWD SWAY BRACES (e) (L) SPECIAL STORES WIRING ACCESS (f) (L) PC-I AND UTILITY HYDRAULIC PUMPS (g) TRANSFER GEARBOX SCAVENGE PUMP AND OIL SCREEN (h) EXTERNAL TANK FUEL FLOW SWITCHES (i) WING FUEL TRANSFER LOW LEVEL VALVE (j) AN/APA-157 POWER DIVIDER (k) FUEL BOOST PUMP PRESSURE TRANSMITTER (l) UTILITY HYDRAULIC PRESSURE SWITCH (m) FUEL BOOST PUMP PRESSURE TRANSMITTER (n) (R) EXTERNAL STORE PULL ROD FITTING AND ELECTRICAL DISCONNECT (o) (R) EXTERNAL C/L TANK PRESSURE-VACUUM RELIEF VALVE (p) (R) PC-II AND UTILITY HYDRAULIC PUMPS	B	HINGED AIRLOC FASTENERS (27)
75 L & R **	(a) WING TANK FUEL QUANTITY UNIT (b) (L) HYD FILTER (PC I RETURN) (c) (R) HYD FILTER (PC II RETURN) (d) (L) PC I SYSTEM ACCUMULATOR AND RESERVOIR IN-LINE RELIEF VALVE (e) (R) PC II SYSTEM ACCUMULATOR (f) (L) PC I RESERVOIR (g) (R) PC II RESERVOIR	B	HINGED AIRLOC FASTENERS (12) *NAS584-4 SCREW (19)

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DOOR NO.	EQUIPMENT	VIEW	DOOR FASTENERS
76 L & R	(a) (L) PC-I RESERVOIR FLUID LEVEL INDICATOR (b) (R) PC-II RESERVOIR FLUID LEVEL INDICATOR	B	HINGED AIRLOC FASTENERS (3)
78	(a) LOW PRESSURE FUEL FILTER (b) TRACHOMETER GENERATOR (c) FORWARD BOMB ROCK HOOK SEAR (d) BOMB RACK SUPPORT PIN (e) LEFT ENGINE MAIN FUEL PUMP	B	HINGED AIRLOC FASTENERS (13)
80 **	(a) TACHOMETER GENERATOR	B	HINGED AIRLOC FASTENERS (14)
81L	(a) ENGINE OIL SERVICING (b) ENGINE MAIN FUEL CONTROL AND THROTTLE CONNECTION (c) ENGINE MAIN FUEL PUMP (d) TACHOMETER GENERATOR (e) ENGINE FUEL FLOW TRANSMITTER (f) AUXILIARY AIR DOOR ACTUATOR (g) AUXILIARY AIR DOOR SELECTOR VALVES (h) AFT 30" RACK HOOK SEAR (i) EXTERNAL STORES ELECTRICAL ACCESSORIES (j) EXTERNAL STORES BOMB RACK BREECH (k) EXTERNAL STORES AFT SWAY BRACE (l) ENGINE VARIABLE STATOR ACTUATOR (m) AB FUEL CONTROL (n) TEMPERATURE AMPLIFIER (o) CONTROL ALTERNATURE (p) ENGINE MAIN FUEL FILTER (q) BYPASS INDICATOR SWITCH (r) BOMB ROCK MANUAL RELEASE (s) CSD AND GENERATOR	B	HYDRAULICALLY ACTUATED AUXILIARY ENGINE AIR DOOR.  HINGED - NO FASTENERS.
81R	(a) ENGINE ELECTRICAL DISCONNECTS (b) ENGINE OIL SERVICING (c) ENGINE MAIN FUEL CONTROL AND THROTTLE CONNECTION (d) ENGINE MAIN FUEL PUMP (e) ENGINE VARIABLE STATOR ACTUATOR (f) AUXILIARY AIR DOOR ACTUATOR (g) BOMB RACK MANUAL RELEASE (h) BOMB RACK SAFETY PIN (i) EXTERNAL STORES AFT SWAY BRACE (j) CSD AND ENGINE OIL FILTER (k) TEMP AMPLIFIER (l) A B FUEL FILTER (m) ENGINE TORQUE BOOSTER (n) AB FUEL PUMP FILTER AND CONTROL (o) ENGINE MAIN FUEL FILTER (p) CONTROL ALTERNATOR (q) CSD AND GENERATOR (r) SCAVENGE OIL FILTER	B	HYDRAULICALLY ACTUATED AUXILIARY ENGINE AIR DOOR HINGED - NO FASTENERS
82 L & R **	(a) ENGINE FUEL FLOW TRANSMITTER (R) (b) ENGINE A C GENERATOR ELECTRIC CONNECTIONS (c) ENGINE ELECTRICAL DISCONNECTS (L) (d) TACHOMETER GENERATOR  (e) GENERATOR AND CONSTANT SPEED DRIVE UNIT (f) ENGINE AND CSD OIL FILTER (L) (g) ENGINE MAIN FUEL PUMP AND FILTER (h) TEMP AMPLIFIER (L) (i) AB FUEL PUMP AND FILTER (j) ENGINE TORQUE BOOSTER (k) STATOR VANE ACTUATOR	B	HINGED AIRLOC FASTENERS (5) NAS464P5A4 BOLTS (2) ACCESSIBLE THROUGH DOOR 81 L & R

DOOR NO.	EQUIPMENT	VIEW	DOOR FASTENERS
82 CONT	(l) INLET FUEL MANIFOLD (m) LOW PRESSURE FUEL FILTER (R) (n) CONTROL ALTERNATOR (o) A/B IGNITION SWITCH (p) A/B FUEL CONTROL (q) ENGINE MAIN FUEL CONTROL (r) SCAVENGE OIL FILTER		
83 L & R **	(a) IMPINGEMENT STARTING CHECK VALVE (b) ENGINE MAIN AND AFTER BURNER FUEL CONTROL (c) ENGINE NOZZLE AREA CONTROL (d) NOZZLE PUMP (e) REAR GEAR BOX SCAVENGE OIL PUMP (f) ENGINE MAIN OIL PUMP AND FILTER (g) ENGINE SUMP PRESSURIZING VALVE (h) ENGINE SCAVENGE OIL FILTER (i) ENGINE MAIN IGNITER PLUG (j) ENGINE OIL PRESSURE TRANSMITTER (k) CIT SENSOR (l) (L) LATERAL CONTROL FEEL TRIM MOTOR (m) VARIABLE STATOR ACTUATOR (n) A B FUEL PRESSURIZING VALVE (o) MAIN FUEL PRESSURIZING AND DRAIN VALVE (p) MAIN OIL COOLER (q) FUEL NOZZLES (r) COMPRESSOR LEAKAGE AIR DUCT (s) HYDRAULIC PUMP AND FILTER (t) NOZZLE HYDRAULIC FILTERS (u) IGNITION UNIT (v) AFTERBURNER OIL FILTER	B	HINGED AIRLOC FASTENERS (28)  (16 AIRLOC FASTENERS ARE LOCATED BEHIND AND ACCESSIBLE THRU DOOR 514L/R)
86 L & R **	(a) HYD FILTER (UTILITY SYSTEM - LATERAL SERIES SERVO) (b) (L) ACCUMULATOR RESERVOIR PCI (c) (L) HYD SELECTOR VALVE (TE FLAPS) (d) (L) HYDRAULIC FLOW EQUALIZER (TE FLAPS) (e) SPRING CARTRIDGES AND SCREW JACK ACTUATOR (f) WALKING BEAM BELLCRANK (g) FLAP RESTRICTORS (h) AILERON POSITION TRANSDUCER (i) (R) DUMP VALVE	B	▲
87 L & R **	(a) TRAILING EDGE FLAPS CONTROLS	B	▲
88 L & R **	(a) HYDRAULIC FILTERS (2) PC I (b) HYDRAULIC FILTERS (2) PC II (c) TRAILING EDGE FLAP ACTUATORS AND SHUTTLE VALVES (d) WING TRIM TRANSMITTER (e) SPOILER SERVO VALVE	B	▲
89 L & R	(a) ELECTRONICS ACCESS (b) (L) PITCH RATE GYRO ASA-32 (c) (R) YAW RATE GYRO ASA-32 (d) (L) TRIM CUTOUT ACCELEROMETER (e) (L) AIRCRAFT ACCELEROMETER (f) TRAILING EDGE FLAP LIMIT SWITCHES (g) TRAILING EDGE BLC LIMIT SWITCHES (h) TRAILING EDGE VALVE CONTROL LINKAGE	B	* NAS-584-6-SCREW (41)

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92 L & R **	(a) IMPINGEMENT STARTING SELECTOR VALVE (b) AFT MAIN ENGINE MOUNT (c) LOWER TANGENTIAL ENGINE MOUNT (d) ENGINE AFTERBURNER SPARK PLUG (e) ENGINE TORCH IGNITOR (f) TURBINE FRAME DRAIN (g) ACCESSORY DRAIN (h) COMBUSTION CHAMBER DRAIN	B	HINGED 32-32518-3 BOLTS (3) DOORS 83 AND 96 MUST BE OPENED FIRST
95	(a) ML-1 COMPASS TRANSMITTER	B	HT3N5 BOLT (36)
96 **	(a) ENGINE NOZZLE ACTUATORS	B	HINGED 32-32517-3 BOLT (4) AIRLOC FASTENERS (11)
100 L & R	(a) OUTBOARD WING PYLON ATTACH MECHANISM	T	AN509-416R19 SCREW (1)
101 L & R **	(a) CONTROLS LINKAGE (b) OUTBD FUEL QUANTITY TANK UNIT (c) WING TANK TRANSFER-LOW LEVEL SHUTOFF VALVE (d) WING TANK FUEL DUMP VALVE (e) EXTERNAL WING TANK FUEL SHUTOFF VALVE (f) EXTERNAL WING TANK FUEL DISCONNECT (g) EXTERNAL WING TANK PRESS. REGULATOR (h) EXTERNAL WING TANK PRESS. VACUUM RELIEF VALVE (i) EXTERNAL WING TANK AIR DISCONNECT (j) SPOILER ACTUATOR (l) WING FOLD SELECTOR VALVE (m) WING FOLD PIN PULL SELECTOR VALVE	T	▲
102 L & R **	(a) SPOILER ACTUATOR (b) AILERON DAMPER (c) AILERON ACTUATOR	T	▲
103 L & R	(a) SPOILER HINGE PIN REMOVAL ACCESS	T	NAS584-10 SCREW (19)*
104 L & R	(a) AILERON POWER CYLINDER	T	HINGED AN509-10R10 SCREW (6)
105 L & R	(a) AILERON VISCOUS DAMPER (b) AILERON ACTUATOR	T	AN509-10R8 SCREW (6)
106L	(a) DRAG CHUTE MECHANISM	LS	AIRLOC FASTENERS (4)
106R	(a) DRAG CHUTE MECHANISM	RS	AIRLOC FASTENERS (4)
107	(a) DRAG CHUTE	LS	MECHANICALLY ACTUATED DRAG CHUTE DOOR HINGED 32-33267 LATCH ASSY.
108 L & R **	(a) BOUNDARY LAYER CONTROL DUCTING	T	▲
109 L & R **	(a) OUTER WING LEADING EDGE FLAP BELLCRANK AND LINKAGE (b) ATTACH POINT, BELLCRANK TO LEADING EDGE FLAP	T	*NAS583-5 SCREW (9) *NAS584-5 SCREW (4)
110 L & R **	(a) OUTBOARD LEADING EDGE FLAP SHUTTLE VALVE	T	*NAS583-5 SCREW (23) *NAS584-6 SCREW (1)
111 L & R **	(a) OUTER WING LEADING EDGE FLAP ACTUATOR (b) BOUNDARY LAYER CONTROL DUCTING	T	▲
112 L & R **	(a) FLAP ACTUATOR AND LINKAGE	T	▲

DOOR NO.	EQUIPMENT	VIEW	DOOR FASTENERS
117 L & R	(a) AFT CANOPY HINGE BOLTS	T	AN509-10R13 SCREW (26)
120	(a) IMPINGEMENT STARTING RECEPTACLE (b) 28V D C REMOTE CONTROL CABLE RECEPTACLE (c) 28V D-C STARTING SYSTEM FUSE	B	HINGED AIRLOC FASTENERS (8)
121L	(a) BYPASS BELLMOUTH ACTUATOR	LS	NAS334CFA11 SCREW (38)
121R	(a) BYPASS BELLMOUTH ACTUATOR (b) VGH ACCELEROMETER	RS	NAS334CFA11 SCREW (38)
123 L & R	(a) AFT RAMP HINGE PIN	B	NAS333CFA6-5 SCREW (17)
125L	(a) ELECTRICAL	LS	AN509-10R12 SCREW (68)
125R	(a) ELECTRICAL	RS	AN509-10R12 SCREW (68)
127L **	(a) STRUCTURE (b) PRESSURE FUELING SYSTEM VALVE	LS	AN509-10R12 SCREW (46)
127R **	(a) ESSENTIAL LINE CONTACTOR (b) PRESSURE FUELING SYSTEM VALVE	RS	AN509-10R12 SCREW (46)
128L **	(a) LDG AND TAXI LIGHT TRANSFORMER (b) EMERGENCY GENERATOR LINE CONTACTOR	LS	AN509-10R12 SCREW (75)
128R **	(a) NO. 1 UPPER FUEL QUANTITY TANK UNIT	RS	AN509-10R12 SCREW (75)
129 L & R		B	NAS333CFA10 SCREW (12)
130L	(a) MISC HYD LINES	LS	NAS333CFA5-5 SCREW (42) NAS334CFA6-5 SCREW (1)
130R	(a) MISC HYD LINES	RS	NAS333CFA5-5 SCREW (42) NAS334CFA7 SCREW (1)
131R	(a) HYD FILTER CONTAMINATION INDICATOR	LS	9M138-181-7 ASSY
131L	(a) HYD FILTER CONTAMINATION INDICATOR	RS	9M138-181-7 ASSY
132L **	(a) MISC HYD LINES	LS	NAS333CFA5 SCREW (98) NAS334CFA6 SCREW (6)
132R **	(a) MISC HYD LINES	RS	NAS333CFA5 SCREW (76) NAS334CFA6 SCREW (6)

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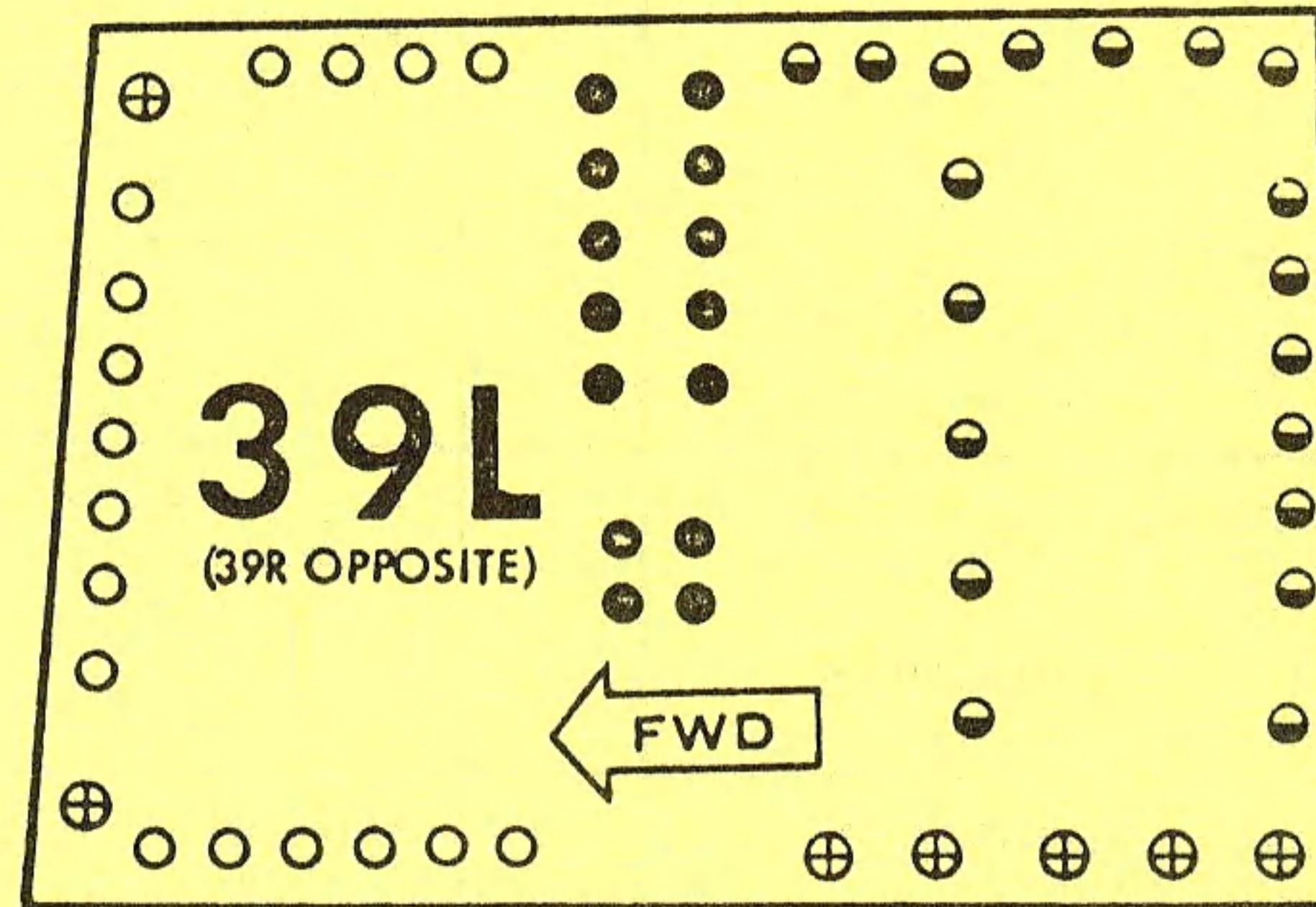
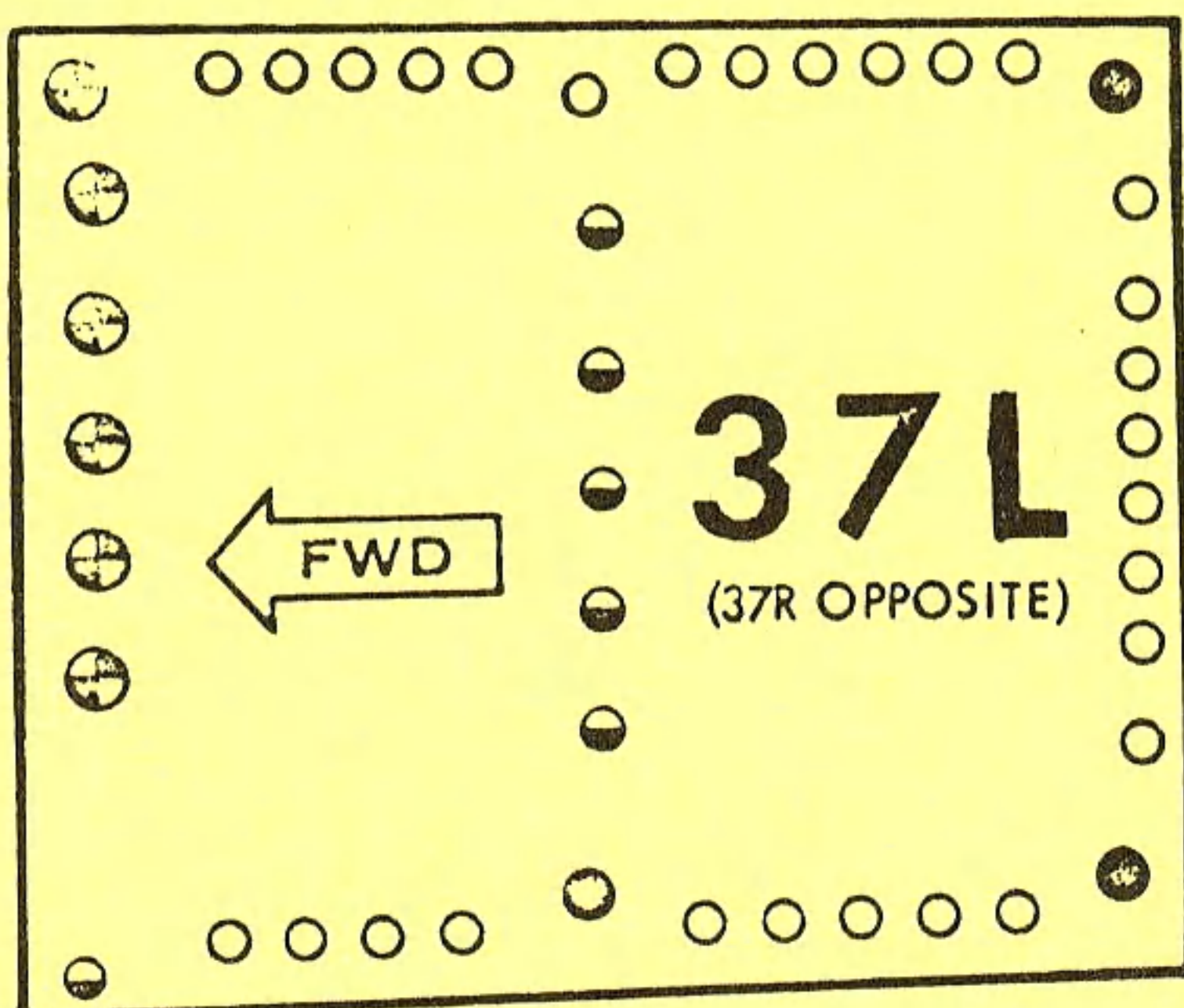
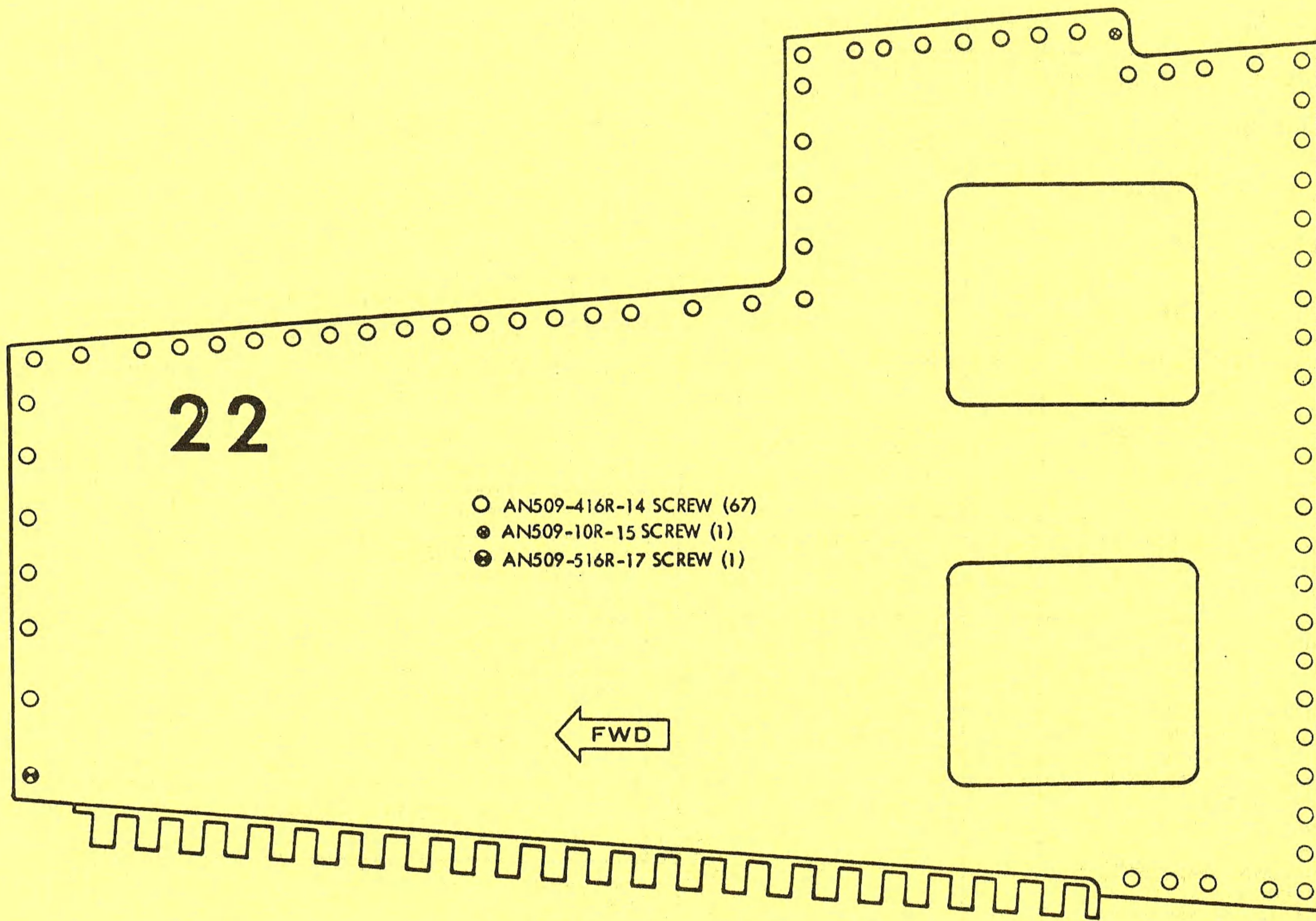
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- NAS334CFA-10-5 SCREW (29)
- ⊕ NAS334CFA-5-5 SCREW (6)
- ⊕ NAS336CFA-15 SCREW (6)
- NAS335CFA-7-5 SCREW (3)

- NAS334CFA-7.5 SCREW (17)
- ⊕ NAS333CFA-5-5 SCREW (19)
- ⊕ NAS335CFA-7-5 SCREW (7)
- NAS334CFA-21 SCREW (14)

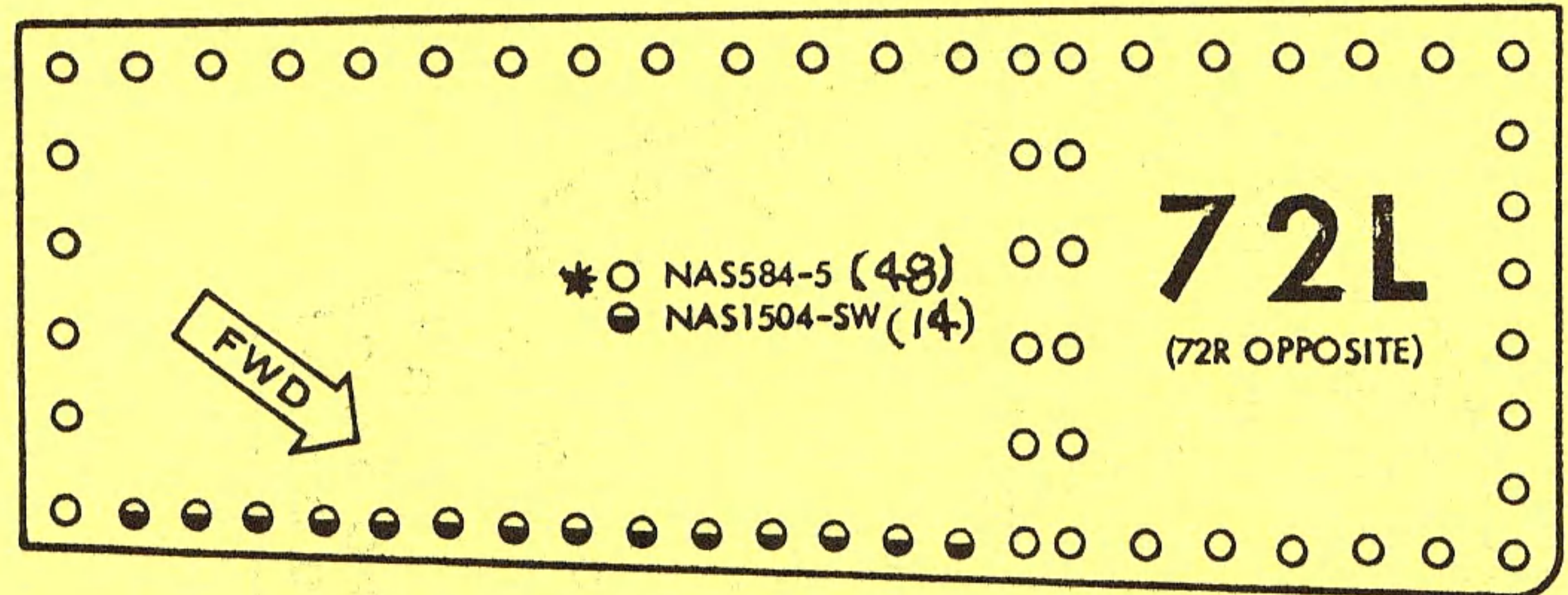
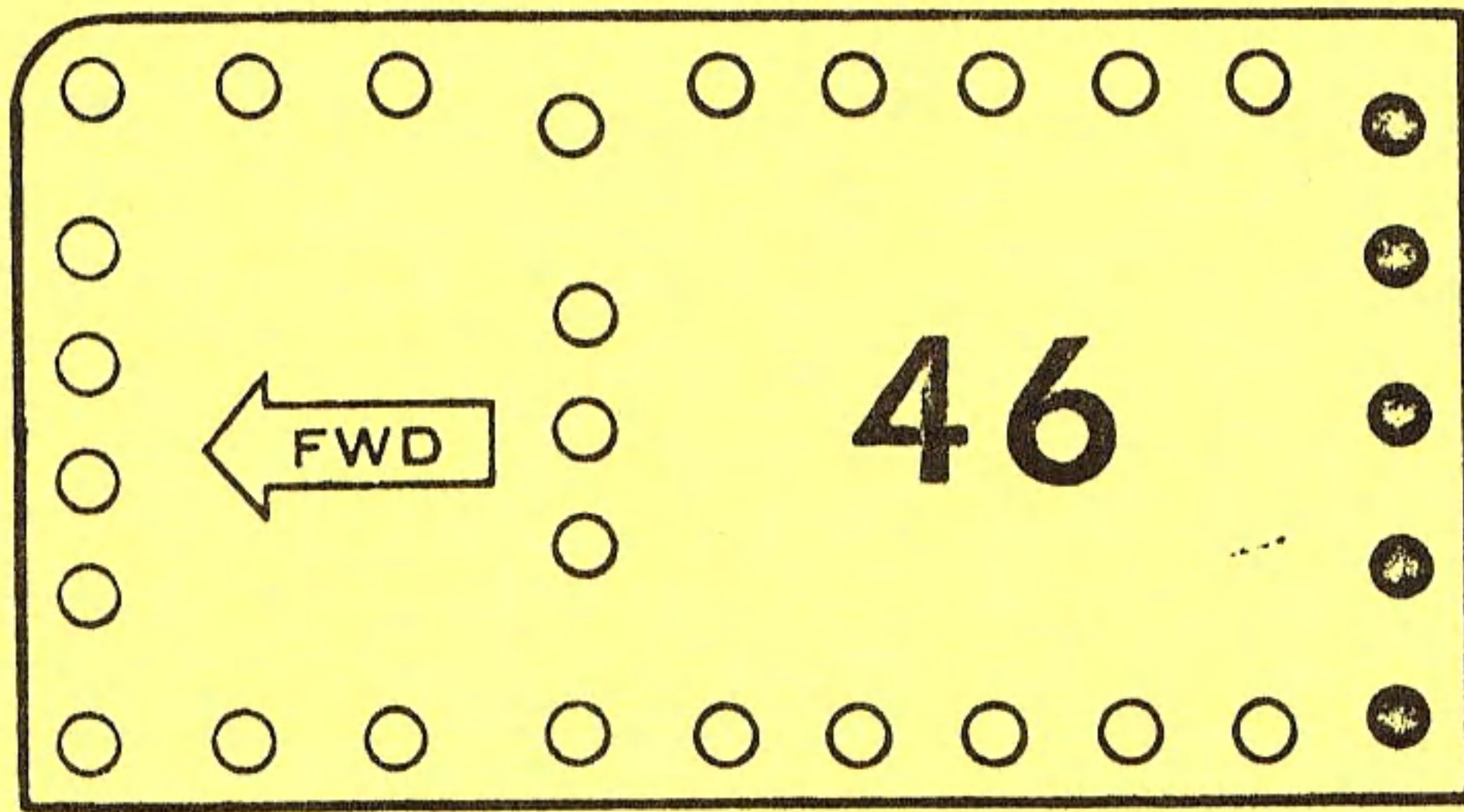
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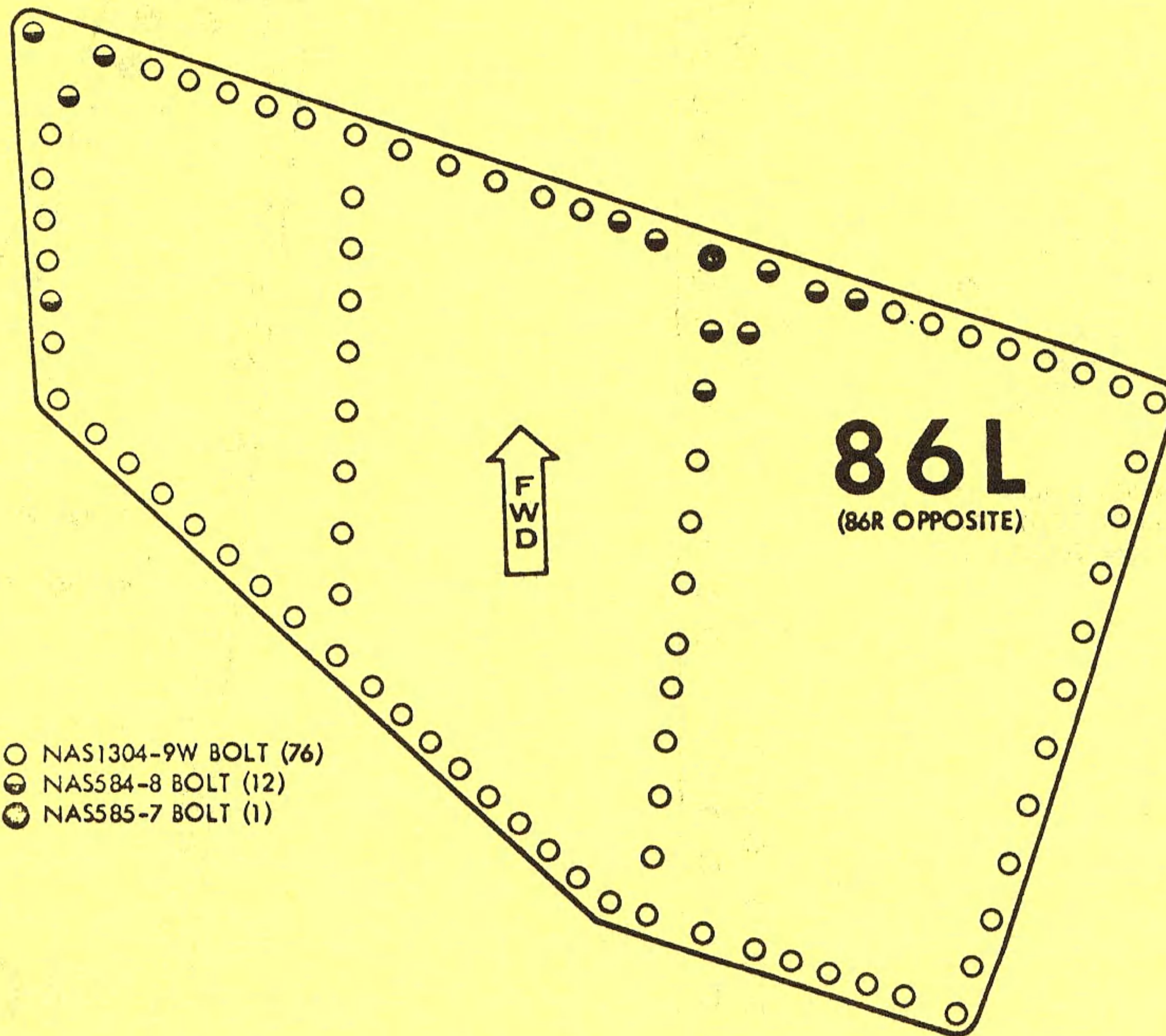
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# EXTERNAL ACCESS DOORS (RF-4B)

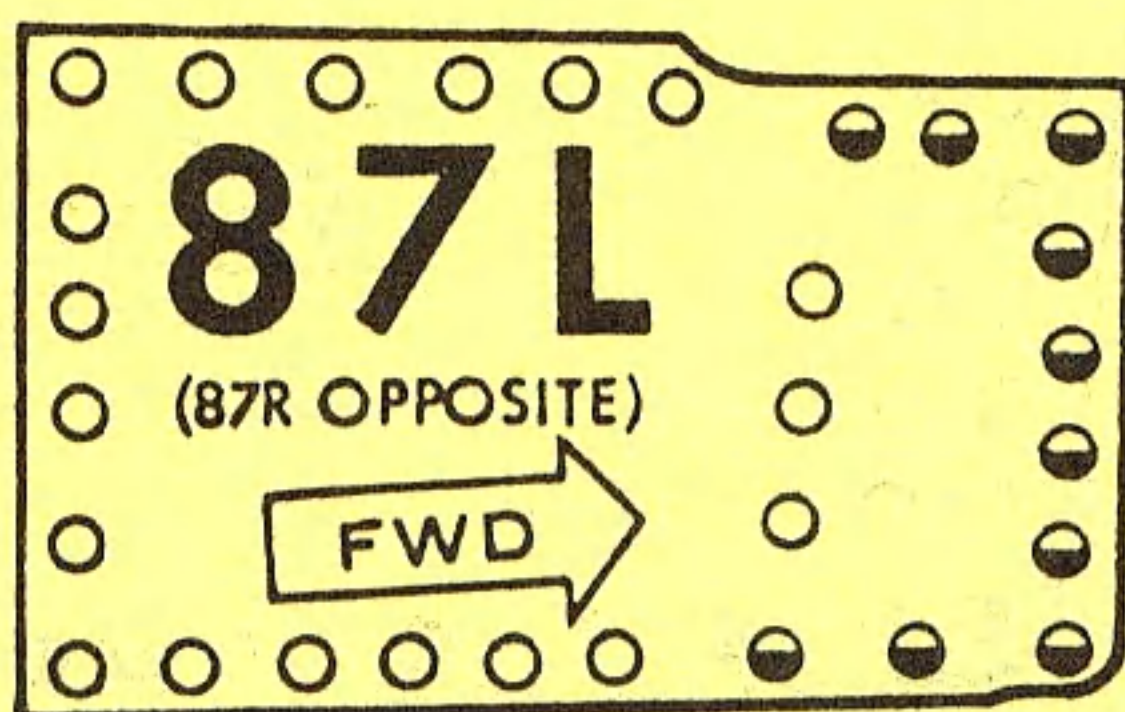
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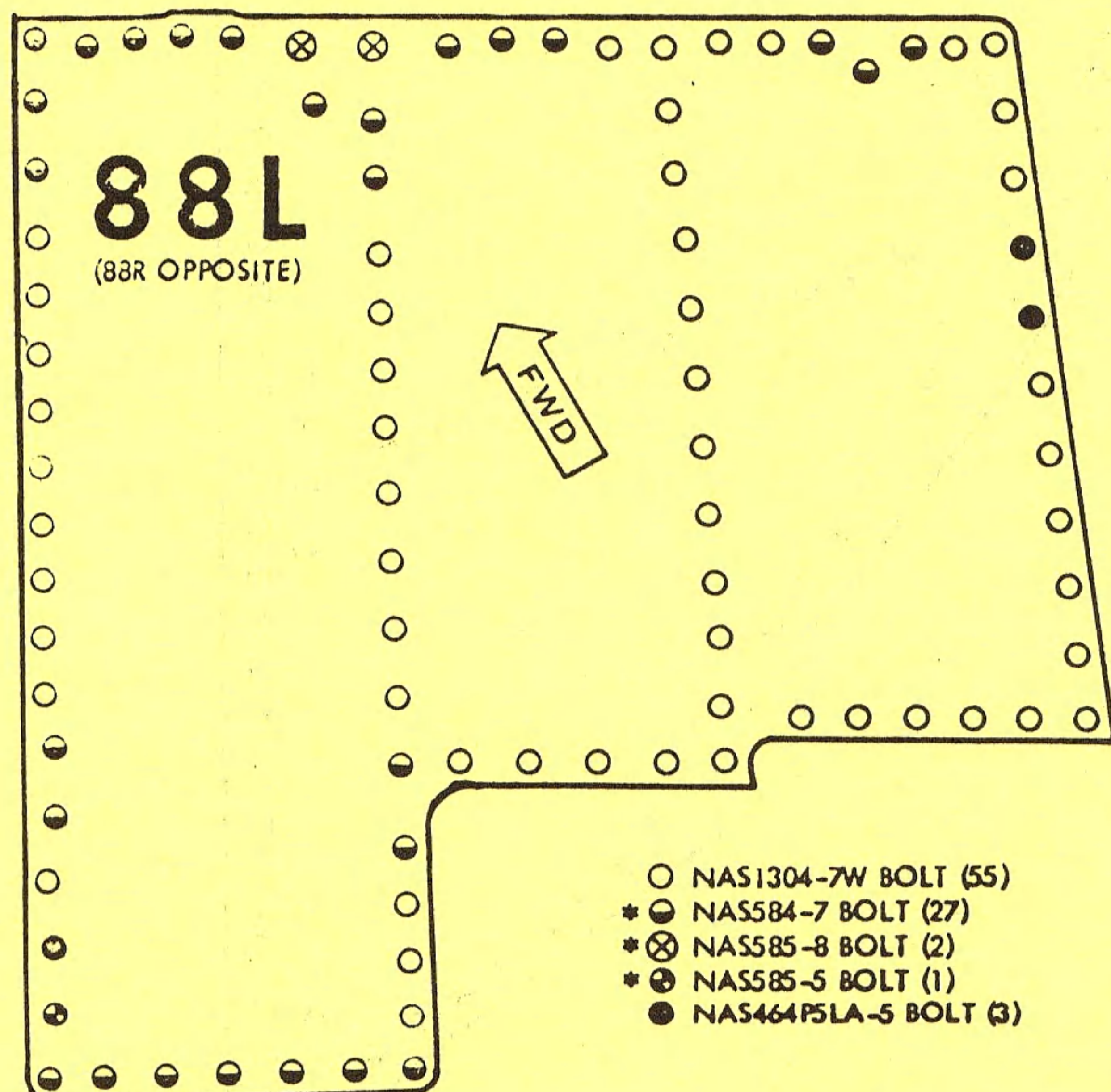
- O NAS333CFA-4-5 SCREW (25)
- NAS333CFA-7-5 SCREW (5)



- O NAS1304-9W BOLT (76)
- \* ● NAS584-8 BOLT (12)
- \* ● NAS585-7 BOLT (1)



- O NAS1304-6W BOLT (19)
- \* ● NAS584-6 BOLT (10)

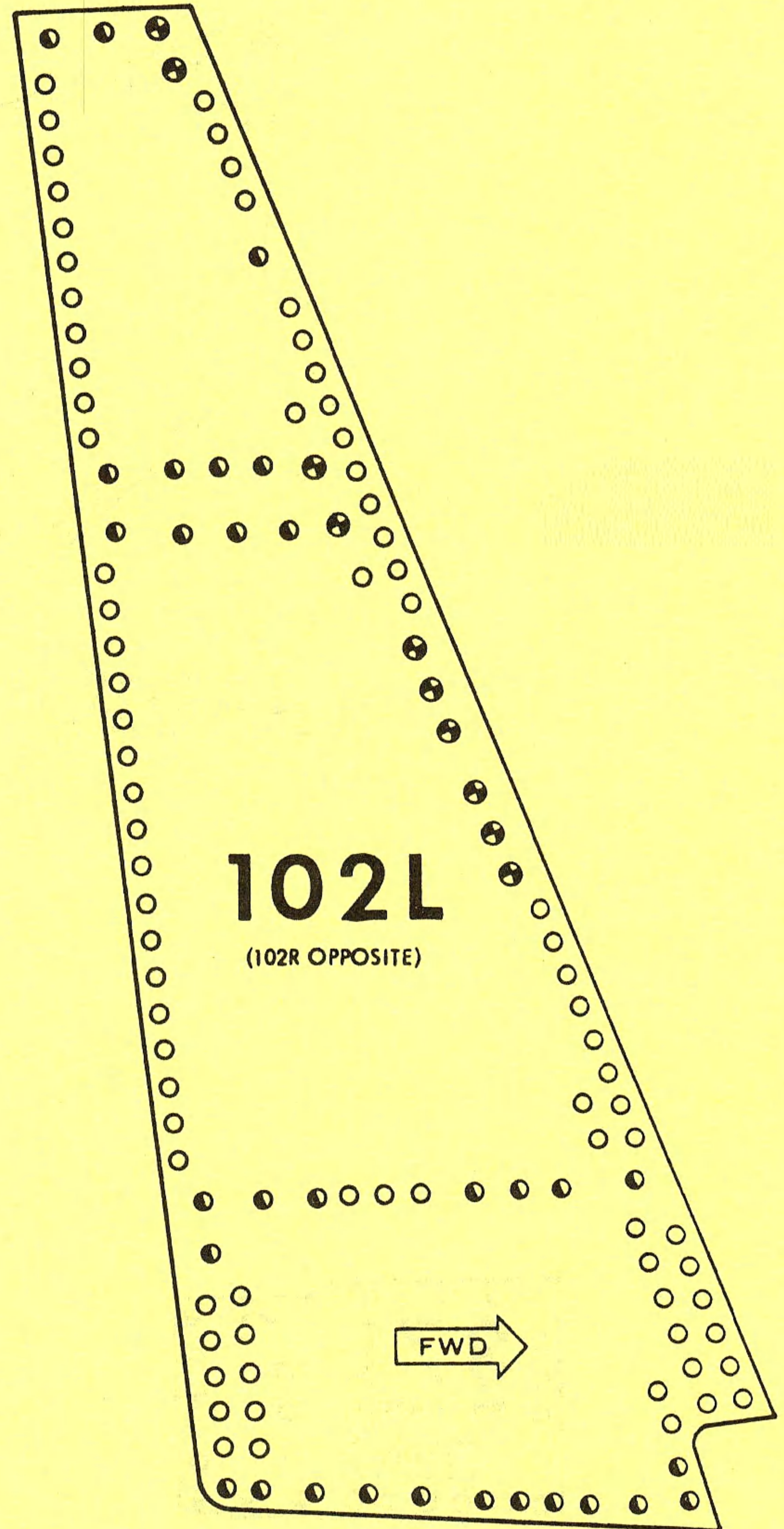
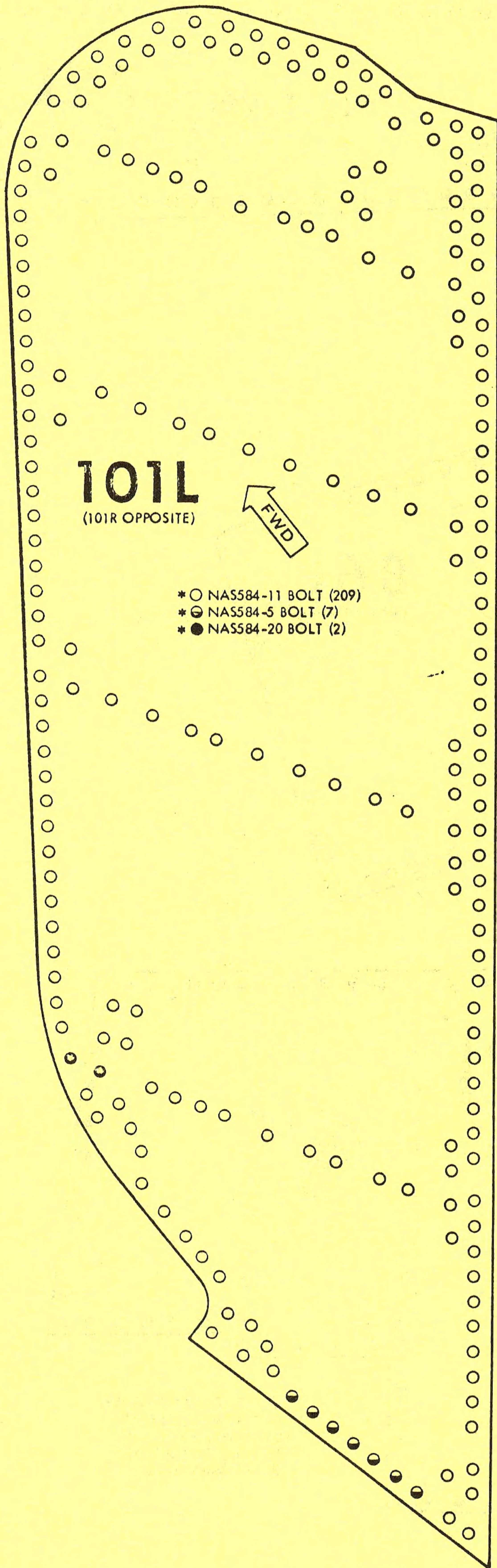


- O NAS1304-7W BOLT (55)
- \* ● NAS584-7 BOLT (27)
- \* ⊗ NAS585-8 BOLT (2)
- \* ● NAS585-5 BOLT (1)
- NAS464P5LA-5 BOLT (3)

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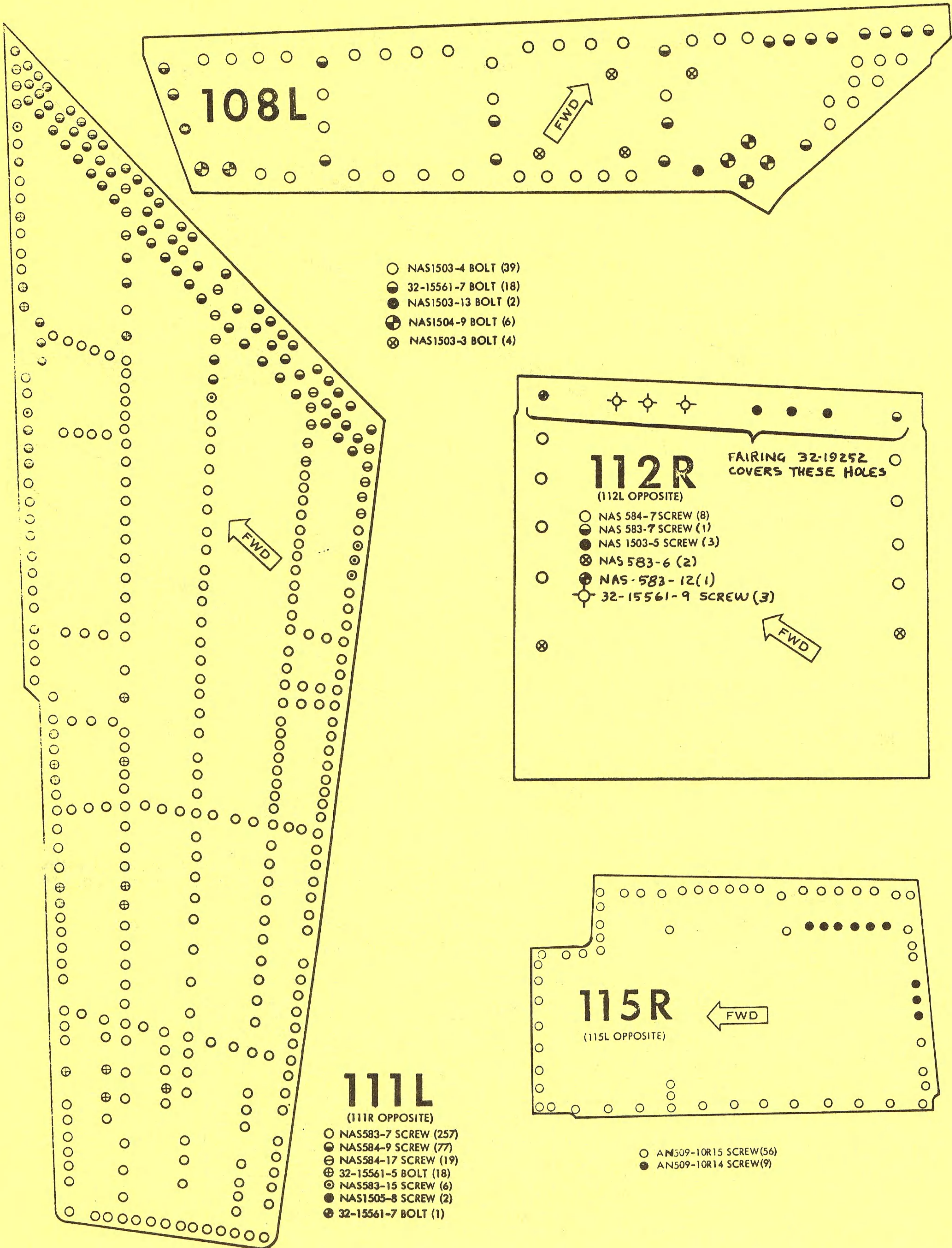
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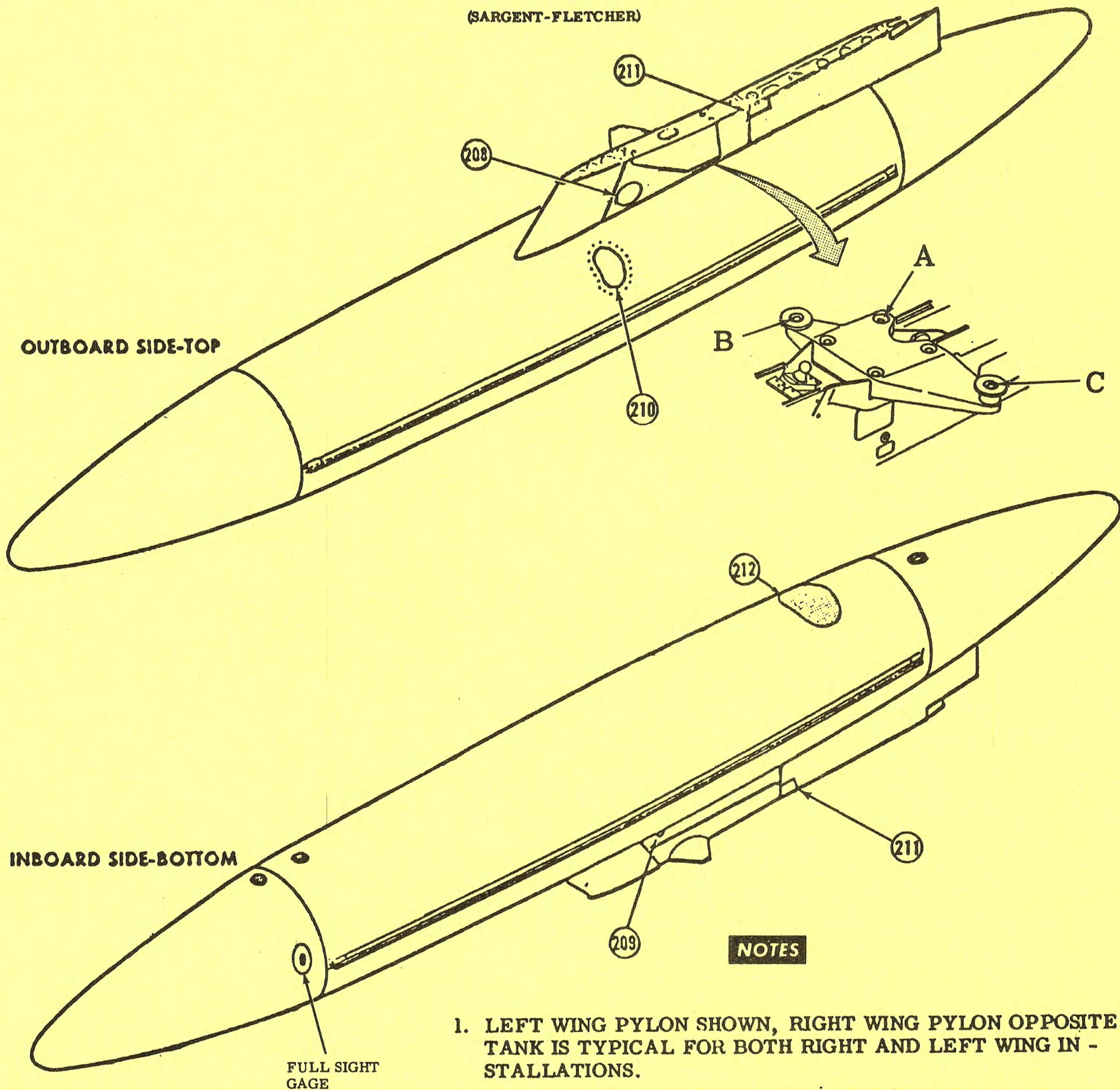
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EXTERNAL WING FUEL TANK AND PYLON

(SARGENT-FLETCHER)



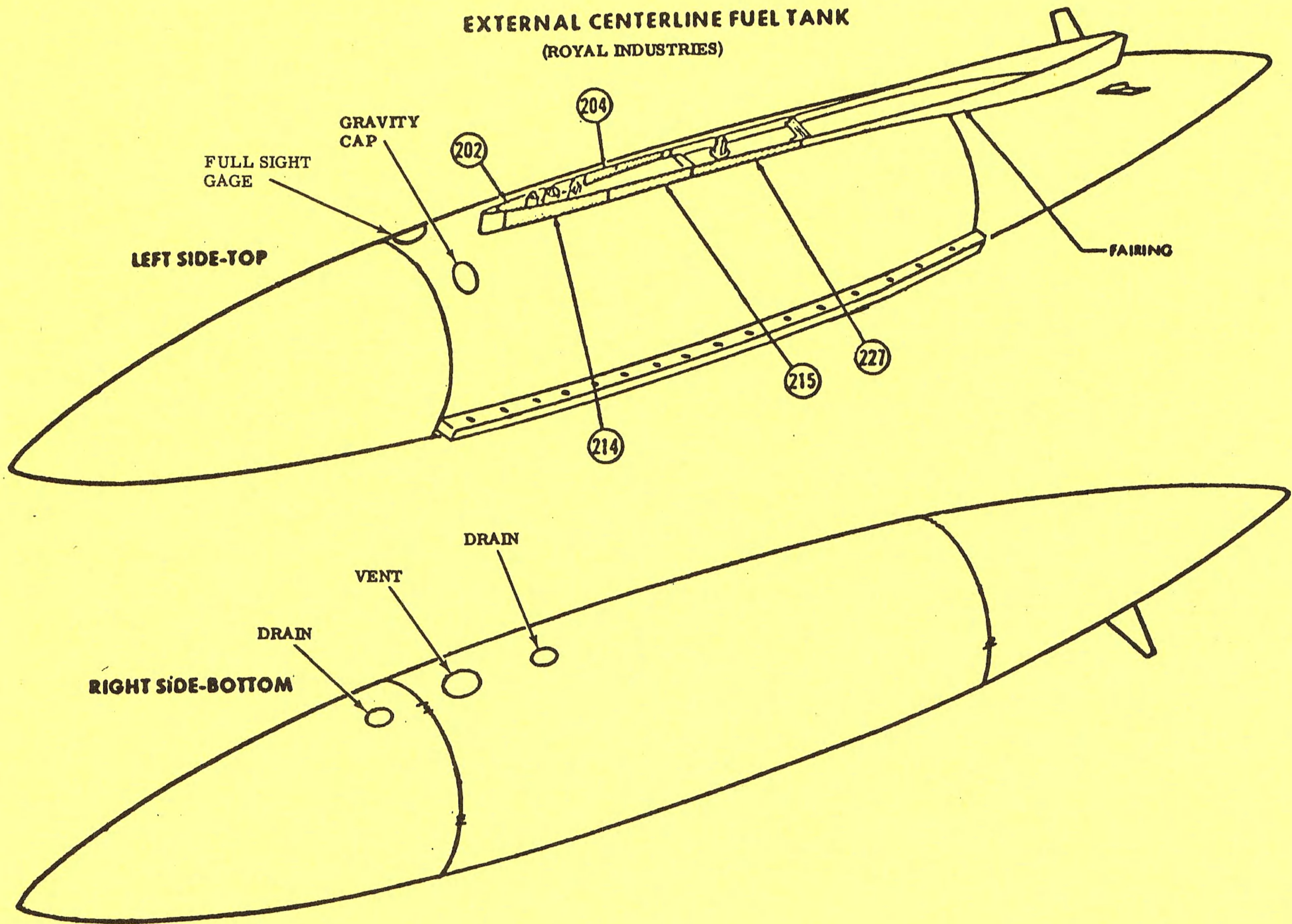
NOTES

1. LEFT WING PYLON SHOWN, RIGHT WING PYLON OPPOSITE. TANK IS TYPICAL FOR BOTH RIGHT AND LEFT WING INSTALLATIONS.
2. FOR ADDITIONAL INFORMATION ABOUT SARGENT-FLETCHER TANKS, SEE T.O. 6J14-2-18.3

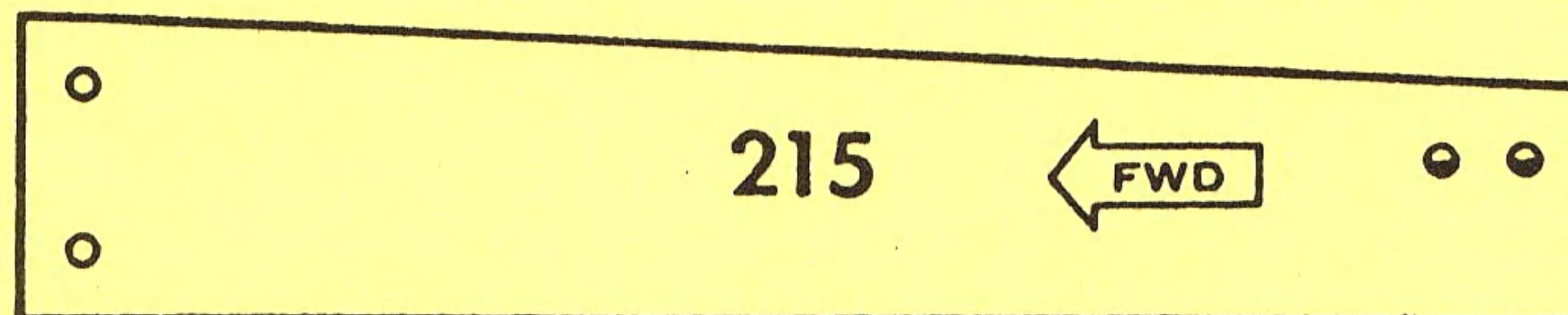
DOOR NO.	EQUIPMENT	DOOR FASTENERS
208 L & R	CARTRIDGE	AIRLOC FASTENERS (2)
209 L & R	FIRING PIN	AN509-10R9 SCREW (2)
210	PYLON MOUNT BOLTS	NAS221-10 (12)
211 L & R	ADJUSTABLE BEARING PAD	AIRLOC FASTENERS (2)
212	FUEL AND AIR DISCONNECT FITTINGS	NAS221-10 (12)
A	SWAY BRACE ATTACH BOLT	NAS340CA23 (4)
B	PAD ATTACH SCREW	AN 509-416R27
C	PAD ATTACH SCREW	AN 509-416R13

# EXTERNAL ACCESS DOORS (RF-4B)

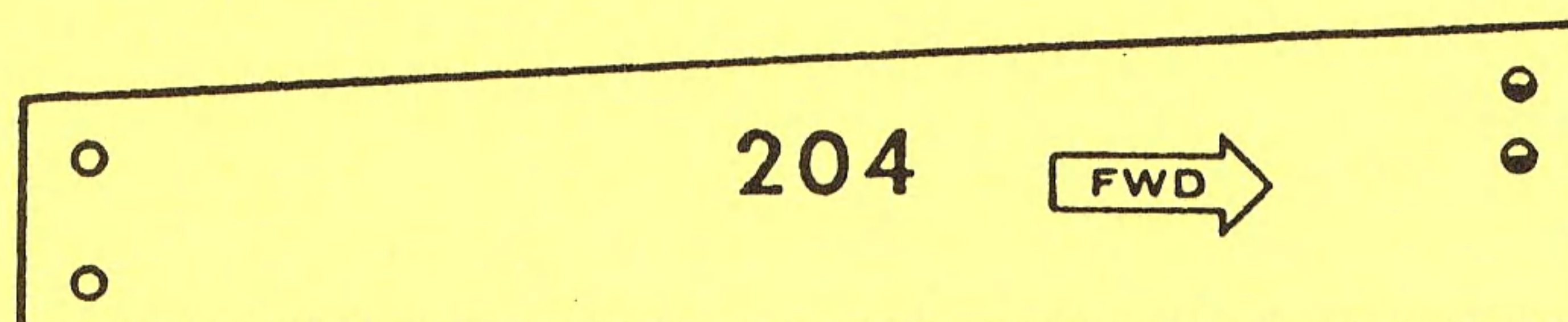
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DOOR NO.	EQUIPMENT	DOOR FASTENERS
202	FUEL, AIR, AND ELECTRICAL DISCONNECTS	AN509-10R7 SCREW (4)
204	EJECTION RACK ADJUSTMENT	SEE DETAIL
214	FUEL, AIR, AND ELECTRICAL DISCONNECTS	AN509-10R10 SCREW (4)
215	EJECTOR FOOT ADJUSTMENT	SEE DETAIL
227	AFT SUSPENSION LUG	AN509-10R6 SCREW (4)



○ AN509-10R10 SCREW (2)  
 ● AN509-10R6 SCREW (2)



○ AN509-10R7 SCREW (2)  
 ● AN509-10R8 SCREW (2)

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# EXTERNAL ACCESS DOORS (RF-4C)

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## NOTES

THE FOLLOWING SYMBOLS AND NOTES APPLY TO THE PAGES ON WHICH THEY ARE UTILIZED. ADDITIONAL NOTES AND SYMBOLS APPLY ONLY ON PAGE ON WHICH THEY APPEAR.

‡ INDICATES HINGED DOORS.

\* USE ONLY HI-TORQUE ADAPTERS WHEN REMOVING OR INSTALLING THESE FASTENERS.

\*\* INDICATES DOORS WHICH SHOULD BE REPLACED BY STRESS FRAMES DURING CERTAIN MAINTENANCE OPERATIONS. REFER TO ACCESS DOOR STRESS FRAMES.

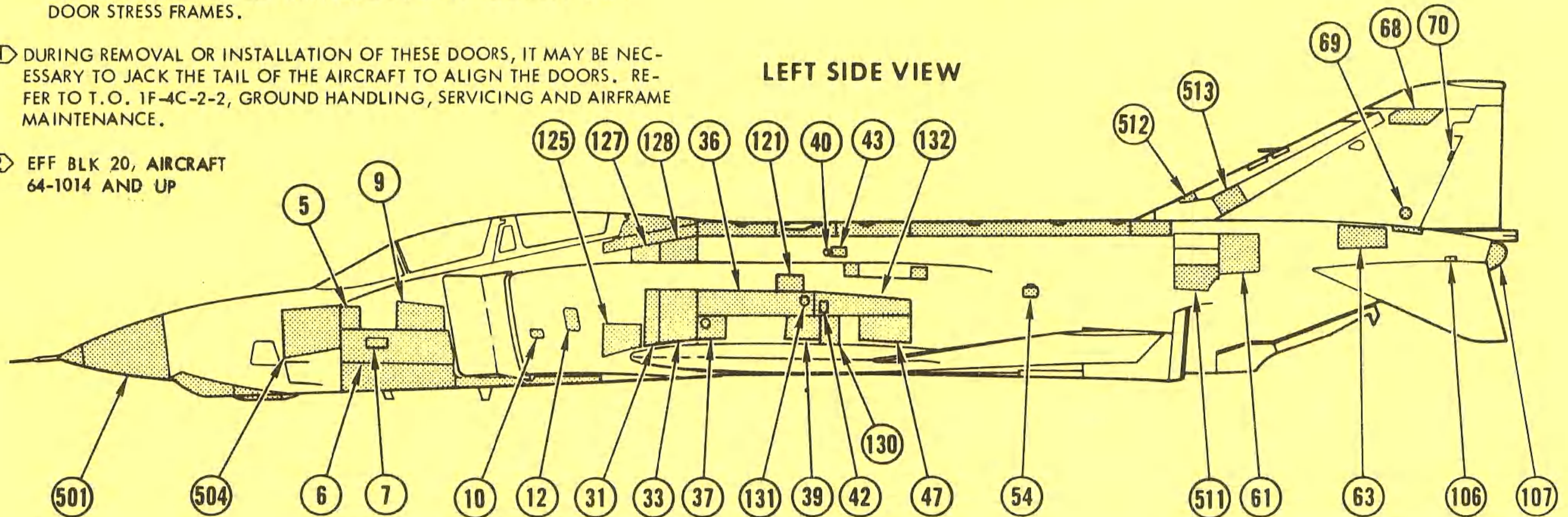
① DURING REMOVAL OR INSTALLATION OF THESE DOORS, IT MAY BE NECESSARY TO JACK THE TAIL OF THE AIRCRAFT TO ALIGN THE DOORS. REFER TO T.O. 1F-4C-2-2, GROUND HANDLING, SERVICING AND AIRFRAME MAINTENANCE.

② EFF BLK 20, AIRCRAFT 64-1014 AND UP

## CAUTION

- BEFORE FLIGHT ALL FASTENERS ON ALL ACCESS DOORS MUST BE PROPERLY INSTALLED AND TIGHTENED. GUARD AGAINST ANY MISSING, DEFECTIVE, BROKEN, OR IMPROPERLY INSTALLED FASTENERS.
- ACCESS DOORS HAVING FORM-IN-PLACE SEALS MUST BE GIVEN PRECAUTIONARY CARE TO PROTECT THE INTEGRITY OF THE SEALS. SEALS FOUND TO BE DEFECTIVE OR DAMAGED SHOULD BE REPLACED. REFER TO T.O. 1F-4C-3-1 STRUCTURAL REPAIR INSTRUCTIONS - FIELD.

LEFT SIDE VIEW



DOOR NO.	EQUIPMENT	DOOR FASTENERS
**5L	(a) ELECTRICAL WIRING	AN509-10R12 SCREW (42)
6L	(a) EQUIPMENT REFRIGERATION UNIT	AN509-10R13 SCREW (85)
‡ 7	(a) EMERGENCY CANOPY JETTISON HANDLE	H720051 LATCH (1)
***9L	(a) THROTTLE QUADRANT (b) PILOT'S ANTI-G VALVE (c) L H CONSOLE ACCESS (d) THROTTLE QUADRANT TELESCOPIC UNIT (e) RAM AIR TURBINE SELECTOR VALVE	SEE DETAIL A
10L	(a) BELLMOUTH STATIC PORT DISCONNECT	NAS333CFA5 SCREW (22)
12L	(a) BELLMOUTH PITOT PROBE AND HEATER	NAS333CFA6-5 BOLT (41)
31L	(a) LANDING GEAR HYD LINES (b) BELLMOUTH HYD LINES	AN509-10R12 SCREW (52)
33L	(a) UTILITY HYD SYSTEM ACCUMULATOR (b) BELLMOUTH CONTROLLER (c) LATERAL CONTROLS BELLCRANK (d) BELLMOUTH SYSTEM AIR FILTER	AN509-10R13 SCREW (107)
**36L ①	(a) MISC HYD LINES (b) PC 1 HYD SYS PRESS. SWITCHES (c) UTILITY HYD PRESS. FILTER	SEE DETAIL D
37L	(a) LATERAL CONTROLS BELLCRANK (b) MISC HYD LINES	SEE DETAIL E
39L	(a) BELLMOUTH BELLCRANK (b) LATERAL CONTROLS BELLCRANK	SEE DETAIL G
40L	(a) FWD TOP ENG MOUNT DISCONNECT	9M142-250-5 ASSY (1)
42L	(a) FWD SIDE ENG MOUNT DISCONNECT	NAS333CFA5 SCREW (3) 294346-5-8 SCREW (1)
**43L	(a) HYDRAULIC LINES	NAS333CFA5 SCREW (26)
**47L	(a) LATERAL CONTROLS BELLCRANK	SEE DETAIL J
54L	(a) OUTBD UPPER TANGENTIAL ENG MOUNT BRACE	AIRLOC FASTENERS (6)
61	(a) STABILATOR FEEL BELLOWS	AN509-416R13 SCREW (55)
63	(a) HYD FILTER (PC1 STAB. PWR CYL) (b) STABILATOR POWER CYLINDER (c) HYD FILTER (UTILITY SYS-RUDDER POWER SUB-SYSTEM) (d) RUDDER FEEL TRIM ACTUATOR (e) ARI SERVO ACTUATOR	SEE DETAIL M
68	(a) UHF COMMUNICATION ANTENNA (b) TAIL LIGHT TRANSFORMER	AN509-10R12 SCREW (39)
69	(a) RUDDER ACTUATOR ATTACH BOLT (b) RUDDER DAMPER ATTACH BOLT	AN509-10R10 SCREW (8)
70	(a) RUDDER ROTARY DAMPER	AN509-10R9 SCREW (3)
106L	(a) DRAG CHUTE MECHANISM	AIRLOC FASTENERS (4)
‡ 107	(a) DRAG CHUTE AND CONTAINER	32-33267 LATCH ASSY (1)
121L	(a) BYPASS BELLMOUTH ACTUATOR	NAS334CFA10 SCREW (38)

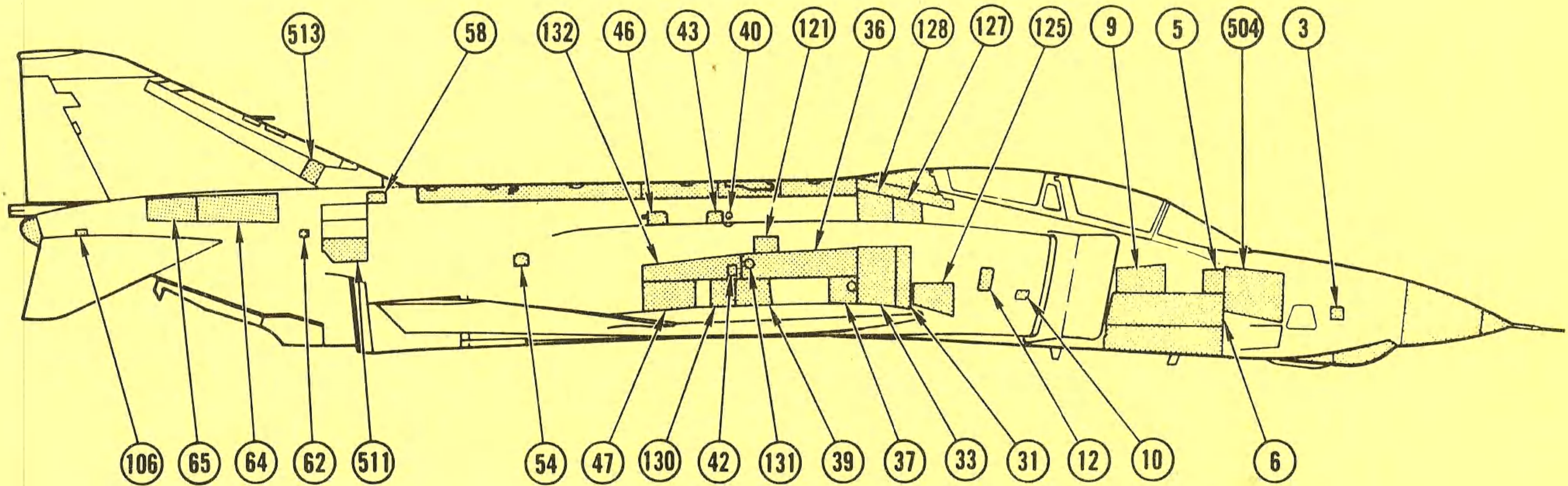
DOOR NO.	EQUIPMENT	DOOR FASTENERS
125L	(a) ELECTRICAL	AN509-10R12 SCREW (68)
**127L	(a) PRESSURE FUELING SYSTEM VALVES	AN509-10R12 SCREW (46)
**128L	(a) STRUCTURE (b) LDG AND TAXI LIGHT TRANSFORMERS	AN509-10R12 SCREW (75)
130L	(a) MISC HYD LINES	SEE DETAIL CC
131L	(a) HYD FILTER CONTAMINATION INDICATOR	9M138-181-7 ASSY (1)
① **132L	(a) MISC HYD LINES	SEE DETAIL DD
‡ 501	(a) PITOT PRESSURE LINE AND STATIC PRESSURE LINE DRAINS (b) ANTENNA RECEIVER, AS-1451/APQ-99 (c) RADAR TRANSMITTER, T-920/APQ-99 (d) POWER SUPPLY PROGRAMMER, PP-3814/APQ-99 (e) COMMAND COMPUTER CP-731/APQ-99 (f) FORWARD ASSEMBLY MOUNTING MT-3027/APQ-99 (g) LEVELING AMPLIFIER - POWER SUPPLY (h) ROLL & PITCH DISPLACEMENT GYROSCOPE (i) DIRECTIONAL DISPLACEMENT GYROSCOPE	MS20005-27 BOLT (2) (ACCESSIBLE THRU DOOR 502)
‡ 504L	(a) HIGH ALTITUDE PANORAMIC STILL PICTURE CAMERA, KA-55A (b) AIRCRAFT MAPPING CAMERA TYPE T-11 (c) STILL PICTURE CAMERA, KS-72A (d) AIRCRAFT CAMERA MOUNT SET, LS-58A	MILSON FASTENERS (21)
511L	(a) ANTENNA COUPLER CONTROL, C-4959/ARC-105 (b) PHOTO FLASH DOORS SELECTOR VALVE (c) AFT FUSELAGE COOLING AIR DUCTS (d) ARRESTING GEAR SURGE DAMPER (e) ARRESTING GEAR SELECTOR VALVE (f) ARRESTING GEAR CYLINDER	SEE DETAIL H-H
512	(a) HF COMMUNICATIONS ANTENNA (b) RF TRANSMISSION LINE, CG-2755/ARC-105 (c) CAPACITOR FEED LINE, MX-6067/ARC-105	AN509-10R10 SCREW (18)
513L	(a) VARIABLE VACUUM DIELECTRIC CAPACITOR, MX-6066/ARC-105 (b) CAPACITOR INTERCONNECT, MX-6068/ARC-105 (c) CAPACITOR FEED LINES MX-6067/ARC-105	SEE DETAIL J-J

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DOOR NO.	EQUIPMENT	DOOR FASTENERS
3	ANGLE OF ATTACK TRANSMITTER	AN509-10R9 SCREW (18)
5R **	(a) EMERGENCY VENT VALVE (b) CAUTION LIGHTS CONTROL UNIT	AN509-10R12 SCREW (42)
6R	(a) CABIN REFRIGERATION UNIT	AN509-10R13 SCREW (83)
9R **	(a) CABIN TEMP CONTROLLER (b) CAUTION LIGHTS CONTROL UNIT (c) R H CONSOLE ACCESS	SEE DETAIL A
10R	(a) BELLMOUTH STATIC PORT DISCONNECT	NAS333CFA5 SCREW (22)
12R	(a) BELLMOUTH PITOT PROBE AND HEATER	NAS333CFA6-5 BOLT (41)
31R	(a) LANDING GEAR HYD LINES (b) BELLMOUTH HYD LINES	AN509-10R12 SCREW (52)
33R	(a) BELLMOUTH CONTROLLER (b) LATERAL CONTROLS BELLCRANK (c) BELLMOUTH SYSTEM AIR FILTER	AN509-10R13 SCREW (107)
**36R ①	(a) MISC HYD LINES (b) PC II HYD SYS. PRESS SWITCHES (c) UTILITY HYD PUMPS DRAIN LINE FILTER*	SEE DETAIL D
37R	(a) LATERAL CONTROLS BELLCRANK (b) MISC HYD LINES ACCESS	SEE DETAIL E
39R	(a) BELLMOUTH BELLCRANK (b) LATERAL CONTROLS BELLCRANK	SEE DETAIL G
40R	(a) FWD TOP ENG MOUNT DISCONNECT	9M142-250-5 ASSY (1)
42R	(a) FWD SIDE ENG MOUNT DISCONNECT	NAS333CFA5 SCREW (3) 294346-5-8 SCREW (1)
**43R	(a) HYDRAULIC LINES	NAS333CFA5 SCREW (26)
**46	(a) HYDRAULIC LINES	SEE DETAIL H
**47R	(a) LATERAL CONTROLS BELLCRANK	SEE DETAIL K
54R	(a) OUTBD UPPER TANGENTIAL ENG MOUNT DISC.	AIRLOC FASTENERS (6)
58	(a) ELECTRICAL (b) HYDRAULICS	NAS334CFA6 SCREW (23)
‡62	(a) ARRESTING GEAR HYDRAULIC OIL SERVICING AND AIR CHARGE VALVE AND PRESSURE GAGE	AIRLOC FASTENERS (2)
64	(a) HYD FILTER (PC NO. 2) (b) STAB. FEEL TRIM BALANCE ASSY. (c) DRAG CHUTE PULLEYS AND CABLES (d) ARRESTING HOOK PULLEYS AND CABLES (e) ARI CONTROL AMPLIFIER (f) STABILATOR CONTROL (g) TORQUE TUBE AND CABLES (h) STABILATOR VISCOUS DAMPER (i) STABILATOR FEEL TRIM ACTUATOR (j) STABILATOR FORCE LINK SWITCHES (k) STABILATOR FORCE LINK BELLCRANK (l) STABILATOR FORCE LINK SPRING CARTRIDGE (m) STABILATOR TRIM ACTUATOR RELAY PANEL	AN509-416R13 SCREW (84)

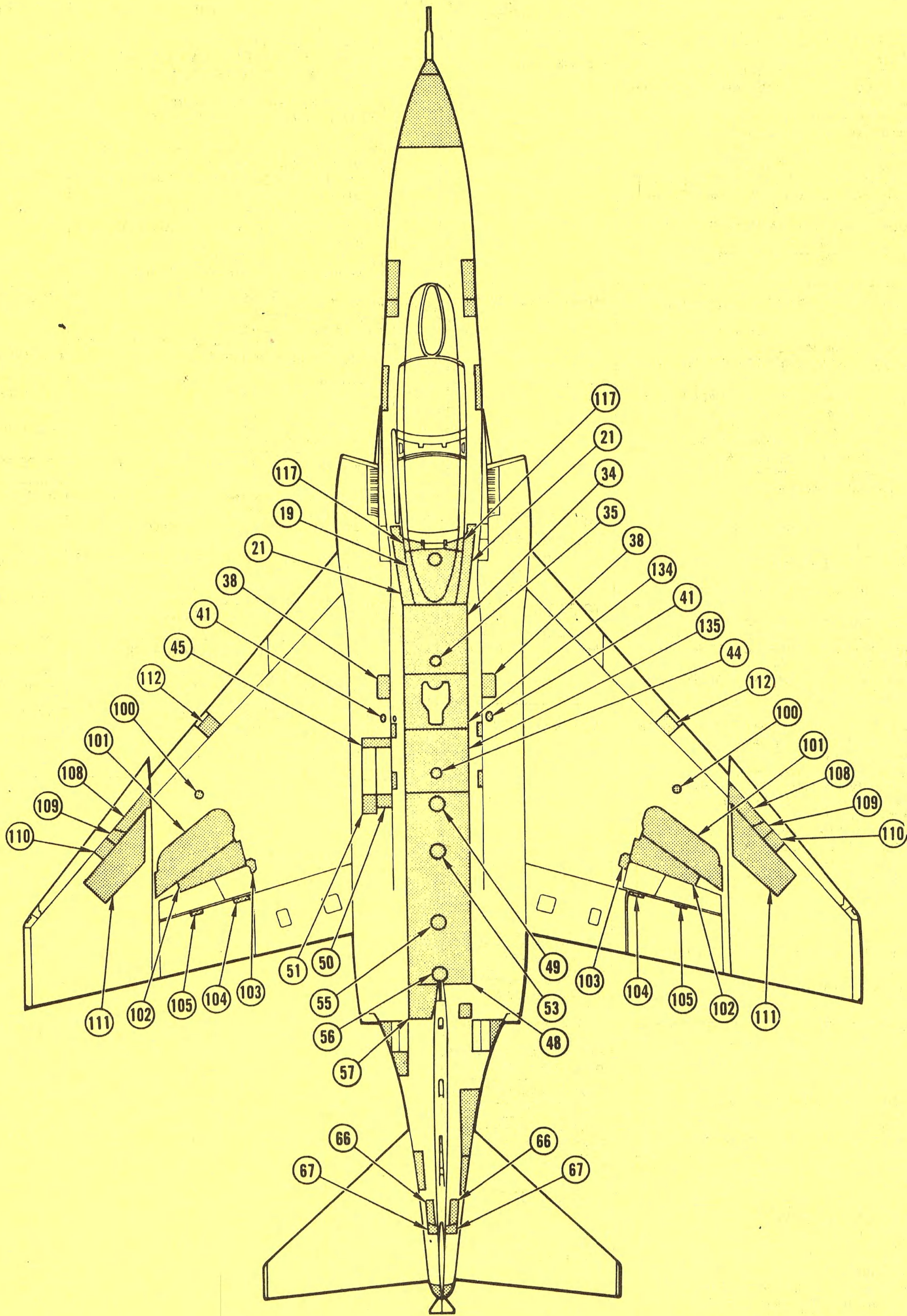
DOOR NO.	EQUIPMENT	DOOR FASTENERS
65	(a) RUDDER FEEL CYLINDER (b) RUDDER FEEL BELLCRANK (c) RUDDER FEEL TRIM ACTUATOR (d) RUDDER WALKING BEAM BELLCRANK (e) RUDDER FEEL SELECTOR VALVE (f) STABILATOR POWER CYLINDER	SEE DETAIL M
106R	(a) DRAG CHUTE MECHANISM	AIRLOC FASTENERS (4)
121R	(a) BYPASS BELLMOUTH ACTUATOR	<b>NAS334CFA10 SCREW (38)</b>
125R	(a) ELECTRICAL	AN509-10R12 SCREW (68)
127R **	(a) STRUCTURE (b) PRESSURE FUELING SYSTEM VALVES	AN509-10R12 SCREW (46)
128R **	(a) STRUCTURE (b) NO. 1 UPPER FUEL QUANTITY TANK UNIT (c) PRESSURE FUELING SYSTEM VALVE (RIGHT)	AN509-10R12 SCREW (75)
130R	(a) MISC HYD LINES	SEE DETAIL CC
131R	(a) HYD FILTER CONTAMINATION INDICATOR	9M138-181-7 ASSY (1)
‡132R ①	(a) MISC HYD LINES	SEE DETAIL EE
‡504R	(a) CONVERTER-POWER SUPPLY, CV-1699 ALR-17 (b) HIGH ALTITUDE PANORAMIC STILL PICTURE CAMERA, KA-55A (c) AIRCRAFT MAPPING CAMERA, TYPE T-11 (d) STILL PICTURE CAMERA, KS-72A (e) AIRCRAFT CAMERA MOUNT SET, LS-58A (f) RAIN REMOVAL VALVE (g) RAIN REMOVAL BY-PASS VALVE	<b>MILSON FASTENERS (21)</b>
511R	(a) RADIO RECEIVER TRANSMITTER, RT-712/ARC-105 (b) PHOTO FLASH DOORS SELECTOR VALVE	SEE DETAIL H-H
513R	(a) VARIABLE VACUUM DIELECTRIC CAPACITOR, MX-6066/ARC-105 (b) CAPACITOR INTERCONNECT, MX-6068/ARC-105 (c) CAPACITOR FEED LINE MX-6067/ARC-105	SEE DETAIL J-J

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DOOR NO.	EQUIPMENT	DOOR FASTENERS	DOOR NO.	EQUIPMENT	DOOR FASTENERS
‡19 **	(a) COMPUTER - REFERENCE SIGNAL GENERATOR, CP-758/APQ-102 (b) RECORDER CONTROL, C-6068/APQ-102 (c) UPPER FUSELAGE LT TRANSFORMER (BRT & DIM) (d) IFF ANTENNA (e) STATIC EXCITER REGULATORS (f) FUEL QUANTITY SIMULATOR (g) TACAN COAX SWITCH (h) TACAN ANTENNA SELECTOR (i) RADIO RECEIVER TRANSMITTER, RT-736/ASQ-88 (j) AMPLIFIER - POWER SUPPLY - RECEIVER, AM-2349/ASQ-19 (k) CODER - RECEIVER - TRANSMITTER, KY-311/ASQ-19 OR KY-532/ASQ (l) PULSE DECODER, KY-531/ASQ-88	MILSON FASTENERS (43)	**101 L & R	(a) LATERAL CONTROLS LINKAGE (b) WING OUTBOARD FUEL QUANTITY TANK UNIT (c) WING TANK TRANSFER-LOW LEVEL SHUT-OFF VALVE (d) WING TANK FUEL DUMP VALVE (e) EXTERNAL WING TANK FUEL SHUTOFF VALVE (f) EXTERNAL WING TANK FUEL DISCONNECT (g) EXTERNAL WING TANK PRESS. REGULATOR (h) EXTERNAL WING TANK PRESS. VACUUM RELIEF VALVE (i) EXTERNAL WING TANK AIR DISCONNECT (j) INBOARD AND OUTBOARD SPOILER ACTUATORS (l) WING FOLD SELECTOR VALVE (m) WING FOLD PIN PULL SELECTOR VALVE	SEE DETAIL V
**21 L & R	(a) STABILATOR AND RUDDER CONTROL BELL-CRANK (b) (R) FLAP AIRSPEED BLOW-UP SWITCH (c) (R) RUDDER AIRSPEED SWITCH (d) (R) EMERGENCY GENERATOR AIRSPEED SWITCH	AN509-10R13 SCREW (117)	**102 L & R	(a) SPOILER ACTUATOR (b) AILERON DAMPER (c) AILERON ACTUATOR	SEE DETAIL W
**34	(a) STABILATOR AND RUDDER CONTROL CABLES (b) NO. 2 FUSELAGE FUEL TANK (c) AIR REFUELING SELECTOR VALVE (d) ELECTRIC TRANSFER PUMP PRESS. SWITCH (e) TRANSFER LEVEL CONTROL VALVE (f) REFUELING LEVEL CONTROL VALVE (g) DRAG CHUTE TURNBUCKLE	SEE DETAIL C	103 L & R	(a) SPOILER HINGE PIN REMOVAL ACCESS	*NAS584-10 SCREW (19)
35	(a) NO. 2 FUEL QUANTITY TANK UNIT	NAS584-BOLT (16) 3M213-4-4 SCREW (1)	‡104 L & R	(a) AILERON ACTUATOR	AN509-10R10 SCREW (6)
38 L & R	(a) BELLMOUTH BELLCRANK	SEE DETAIL F	105 L & R	(a) AILERON DAMPER (b) AILERON ACTUATOR	AN509-10R8 SCREW (6)
41 L & R	(a) FWD TOP ENG MOUNT INSPECTION	9M142-350-5 ASSY (1)	**108 L & R	(a) BOUNDARY LAYER CONTROL DUCTING	SEE DETAIL X
44	(a) NO. 3 FUEL QUANTITY TANK UNIT	NAS584-4 BOLT (16) 3M213-4-4 SCREW (1)	**109 L & R	(a) OUTER WING LEADING EDGE FLAP BELL-CRANK AND LINKAGE (b) ATTACH POINT, BELLCRANK TO LEADING EDGE FLAP	SEE DETAIL Y
**45	(a) HYD FLOW SENSITIVE PRESS. REGULATOR (STANDBY HYD SYSTEM) (b) RAM AIR TURBINE DOOR MECHANISM AND SEQUENCE VALVE	NAS333CFA5 SCREW (61)	**110 L & R	(a) OUTBOARD LEADING EDGE FLAP SHUTTLE VALVE	SEE DETAIL Z
**48	(a) STABILATOR AND RUDDER CONTROL CABLES (b) NO. 4 FUSELAGE FUEL TANK (c) NO. 5 FUSELAGE FUEL TANK (d) NO. 6 FUSELAGE FUEL TANK (e) HYD. OPERATED FUEL TRANSFER PUMPS (f) ELEC. OPERATED FUEL TRANSFER PUMPS (g) HYDRAULIC TRANSFER PUMP PRESS. SWITCHES (h) FUSELAGE FUEL TANKS PRESS. REGULATOR (i) REFUELING LEVEL CONTROL VALVE (j) AIR FLOW REGULATOR (k) FUSELAGE FUEL TANKS PRESS. VACUUM RELIEF VALVE	NAS334CFA5-5 SCREW (268)	**111 L & R	(a) OUTER WING LEADING EDGE FLAP ACTUATOR (b) BOUNDARY LAYER CONTROL DUCTING	SEE DETAIL AA
49	(a) FUEL TRANS PUMPS HYD SELECTOR VALVE	NAS334CFA-5 SCREW (17) 29437-5-8 SCREW (1)	**112 L & R	(a) FLAP ACTUATOR AND FLAP MECHANISM	SEE DETAIL BB
**50	(a) RAM AIR TURBINE ACTUATOR	NAS333CFA5 SCREW (18) 294346-5-8 SCREW (1)	117 L & R	(a) AFT CANOPY HINGE BOLTS	AN509-10R13 SCREW (26)
**51	(a) RAM AIR TURBINE EMERGENCY GENERATOR	NAS333CFA5 SCREW (37)	134	(a) NO. 2 FUSELAGE FUEL TANK (b) AIR REFUELING EQUIPMENT	SEE DETAIL FF
53	(a) NO. 4 FUEL QUANTITY TANK UNIT	NAS334CFA5-5 SCREW (17) 294347-5-8 SCREW (1)	135	(a) NO. 3 FUSELAGE FUEL TANK	*NAS584-5 BOLT (191)
55	(a) NO. 5 FUEL QUANTITY TANK UNIT	NAS334CFA5-5 SCREW (17) 294347-5-8 SCREW (1)			
56	(a) NO. 6 FUEL QUANTITY TANK UNIT	NAS334CFA5-5 SCREW (17) 294347-5-8 SCREW (1)			
**57	(a) FUSELAGE FUEL TANKS PRESS. VACUUM RELIEF VALVE	SEE DETAIL L			
66 L & R	(a) (R) RUDDER DAMPER (b) (L) RUDDER ACTUATOR (c) ARI HYDRAULIC SERVO	SEE DETAIL N			
67 L & R	(a) (R) RUDDER DAMPER (b) (L) RUDDER ACTUATOR (c) RUDDER COUNTERBALANCE WEIGHT (d) RUDDER POSITION TRANSMITTER	SEE DETAIL P			
100 L & R	(a) OUTBOARD WING PYLON ATTACH MECHANISM	AN509-416R19 SCREW (1)			

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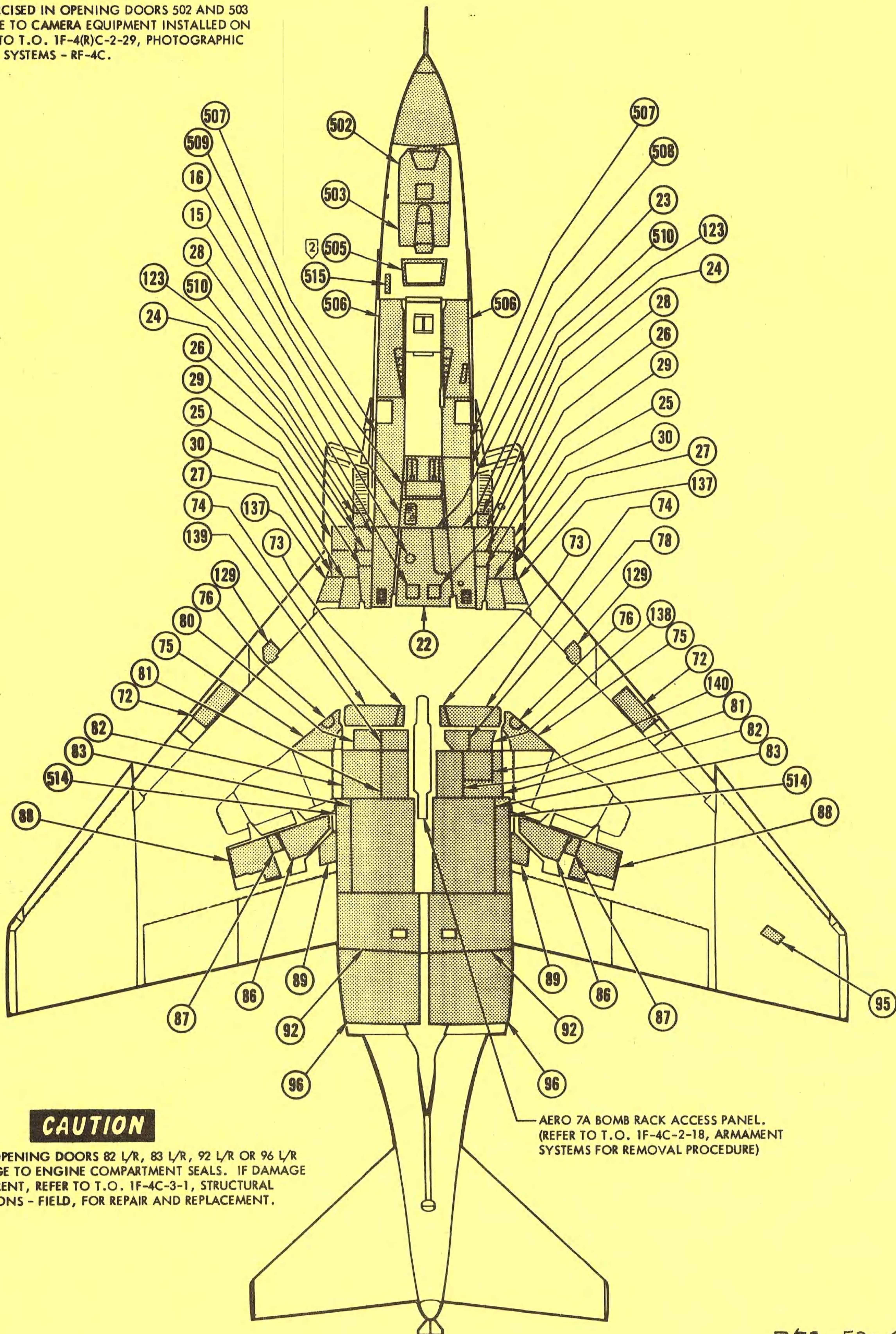
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# EXTERNAL ACCESS DOORS (RF-4C)

TDDR-50B(RF)  
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## CAUTION

CARE MUST BE EXERCISED IN OPENING DOORS 502 AND 503 TO AVOID DAMAGE TO CAMERA EQUIPMENT INSTALLED ON DOOR 503. REFER TO T.O. 1F-4(R)C-2-29, PHOTOGRAPHIC RECONNAISSANCE SYSTEMS - RF-4C.



## CAUTION

USE CARE WHEN OPENING DOORS 82 L/R, 83 L/R, 92 L/R OR 96 L/R TO AVOID DAMAGE TO ENGINE COMPARTMENT SEALS. IF DAMAGE TO SEALS IS APPARENT, REFER TO T.O. 1F-4C-3-1, STRUCTURAL REPAIR INSTRUCTIONS - FIELD, FOR REPAIR AND REPLACEMENT.

AERO 7A BOMB RACK ACCESS PANEL.  
(REFER TO T.O. 1F-4C-2-18, ARMAMENT SYSTEMS FOR REMOVAL PROCEDURE)

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# EXTERNAL ACCESS DOORS (RF-4C)

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DOOR NO.	EQUIPMENT	DOOR FASTENERS
15	(a) HYD RESERVOIR FLUID LEVEL INDICATOR (UTILITY)	9M142-400-5 ASSY. (1)
† 16	(a) AIR BOTTLES (CANOPIES EMERG ) (b) PRESS. GAGES (CANOPIES EMERG ) (c) LIQUID OXYGEN FILL BUILD-UP AND VENT VALVE (d) PITOT STATIC DRAIN AND TEST FITTINGS (f) LIQUID OXYGEN CONVERTER (g) CADC FILTER AND WATER TRAP	MONADLOC FASTENERS (14)
† 22	(a) HYD SOLENOID-OPERATED SELECTOR VALVES MANIFOLD (b) HYD RESERVOIR (UTILITY) (c) AIR COMPRESSOR (HIGH PRESS. PNEUMATIC SYSTEM) (d) PRESS. TRANSMITTER (HIGH PRESS. PNEUMATIC SYSTEM) (e) CHEMICAL DRIERS (HIGH PRESS. PNEUMATIC AND ELECTRONIC EQUIP PRESSURIZATION SYSTEMS) (f) MOISTURE SEPARATOR (HIGH PRESS. PNEUMATIC SYSTEM) (g) NO. 1 FUSELAGE FUEL TANK (h) FUSELAGE TANK UNIT NO. 1 (LOWER) (i) FUEL BOOST PUMPS (j) L & R ENGINE SHUT-OFF VALVES (k) L & R WING TANK PRESS. REGULATOR (l) L & R WING TANK PRESS. VACUUM RELIEF VALVE (m) REFUELING SHUT-OFF VALVE (n) DEFUELING SHUT-OFF VALVE (o) EXTERNAL CENTERLINE TANK PRESS. REGULATOR (p) EXTERNAL CENTERLINE TANK FUEL FLOW SWITCHES (q) EXTERNAL CENTERLINE TANK SHUT-OFF VALVE (r) L & R WING FUEL LEVEL CONTROL VALVE (s) HYDRAULIC/FUEL RADIATORS (t) AIR FILTER (PNEUMATIC SYSTEM AIR COMPRESSOR AND ELECTRONIC EQUIP PRESS. SYSTEM) (u) NO. 1 AND 2 FUSELAGE CELL DRAINS (v) ABSOLUTE PRESS. REGULATORS (PNEUMATIC SYSTEM AIR COMPRESSOR AND ELECTRONIC EQUIP PRESS SYSTEM) (w) RELIEF VALVE, ELECTRONIC EQUIP PRESS. SYSTEM (x) MAIN FUEL ELBOW DRAINS	SEE DETAIL B
† 23	(a) UTILITY HYD SYSTEM ACCUMULATOR, GROUND AIR CHARGE VALVE, AND PRESS GAGE (b) UTILITY HYD SYSTEM EXTERNAL POWER RECEPTACLES (PRESS., RETURN, AND RESERVOIR FILLER) (c) FUEL TANKS EXTERNAL AIR CONNECTION (d) UTILITY SYSTEM RELIEF VALVE MANIFOLD	AIRLOC FASTENERS (13)
24 L & R	(a) (L) EMERG L G PRESS. OPERATED DUMP VALVE (b) (R) UTILITY HYD SYSTEM PRESS. TRANSMITTER, FUSE, AND SNUBBER (c) (R) LOWER FUS LT TRANSFORMER (BRIGHT) (d) (L) EXT POWER TRANSFORMER RECTIFIER	AN509-10R13 SCREW (33)
25 L & R	(a) (R) LOWER FUS LT TRANSFORMER (DIM) (b) LOWER FUS LT TRANSFORMERS	AN509-10R15 SCREW (43)
† 26 L & R	(a) (L) EXT ELECT POWER RECEPTACLE (b) (R) EXTERNAL REFUELING ADAPTER	AIRLOC FASTENERS (7)
27 L & R	(a) RECEIVING ANTENNA AS-1522/APN159 (LEFT) (b) TRANSMITTING ANTENNA AS-1521/APN159 (RIGHT)	AN509-10R13 SCREW (41)
† 28 L & R	(a) (R) HIGH PRESS. PNEUMATIC SYSTEM GROUND AIR CHARGE VALVE AND PRESS. GAGE (b) (L) HIGH PRESS. PNEUMATIC SYSTEM AIR COMPRESSOR OIL LEVEL SIGHT GAGE	AIRLOCK FASTENERS (10)

DOOR NO.	EQUIPMENT	DOOR FASTENERS
29 L & R	(a) STRUCTURE	AN509-10R15 SCREW (41)
30 L & R	(a) (R) AIR BOTTLE (NORMAL CANOPY OPERATION) (b) LEADING EDGE BLC SHUTOFF VALVE (c) (L) EMERGENCY FLAP AIR BOTTLE	AN509-10R14 SCREW (37)
**72 L & R	(a) L E FLAP ACTUATOR	SEE DETAIL K
73 L & R	(a) FWD ENG DISCONNECTS 1. HYD LINES 2. DRAIN LINES 3. SPAR SPLICE BOLTS (b) (L) EXTERNAL STORES AIR AND FUEL LINE (c) (R) STORE PULL ROD FITTING AND FUEL LINE (d) (R) FWD EXT STORES SWAY BRACE (e) (R) BOMB RACK SUPPORT PIN LOCK RING (f) (L) SPECIAL STORES WIRING ACCESS (g) HYDRAULIC PUMP (h) TRANSFER GEARBOX SCAVENGE PUMP (i) CIT SENSOR COIL (j) FUEL BOOST PUMP PRESSURE TRANSMITTER	AIRLOC FASTENERS (8) HINGED
† 74 L & R	(a) EXTERNAL TANK FUEL FLOW SWITCHES (b) WING FUEL TRANS LOW LEVEL VALVE (c) FWD 30" BOMB RACK HOOK SEAR (d) FWD ENGINE DISCONNECTS 1. HYD LINES 2. DRAIN LINES 3. SPAR SPLICE BOLTS (e) (L) EXTERNAL STORES AIR AND FUEL LINE QUICK DISCONNECTS (f) (R) STORE AND FUEL LINE (g) (R) EXT STORES FWD SWAY BRACE (h) (R) BOMB RACK SUPPORT PIN LOCK RING (i) (L) SPECIAL STORES WIRING ACCESS (j) (R) EXTERNAL CENTERLINE TANK PRESS. VACUUM RELIEF VALVE (k) HYDRAULIC PUMP (l) TRANSFER GEAR BOX SCAVENGE PUMP (m) CIT SENSOR COIL (n) FUEL BOOST PUMP PRESSURE TRANSMITTER (o) UTILITY HYDRAULIC SYSTEM PRESSURE SWITCH	AIRLOC FASTENERS (19) HINGED
† 75 L & R *	(a) (L) HYD FILTER (PC I RETURN) (b) (R) HYD FILTER (PC II RETURN) (c) (L) PC I SYSTEM ACCUMULATOR AND RESERVOIR IN-LINE RELIEF VALVE (d) (R) PC II SYSTEM ACCUMULATOR (e) (L) PC I RESERVOIR (f) (R) PC II RESERVOIR (g) INTERMEDIATE FUEL QUANTITY UNIT (h) WING TANK UNIT (INTERMEDIATE)	AIRLOC FASTENERS (12)
† 76 L & R	(a) HYD RESERVOIR FLUID LEVEL INDICATOR (PC I LEFT AND PC II RIGHT)	AIRLOC FASTENERS (3)
† 78	(a) FWD ENGINE DISCONNECTS 1. HYD LINES 2. DRAIN LINES 3. HYDRAULIC PUMP (b) TACHOMETER GENERATOR (c) FWD 14" BOMB RACK HOOK SEAR (d) FWD 30" BOMB RACK HOOK SEAR (e) LEFT FWD EXTERNAL STORES SWAY BRACE (f) BOMB RACK SUPPORT PINS (L) (g) MAIN FUEL PUMP (h) LOW PRESSURE FUEL FILTER (i) STARTER EXHAUST DUCT (j) FUEL BOOST PUMP PRESSURE TRANSMITTER	AIRLOC FASTENERS (11)
† 80	(a) TACHOMETER GENERATOR (b) STARTER EXHAUST DUCT	AIRLOC FASTENERS (14)

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DOOR NO.	EQUIPMENT	DOOR FASTENERS	DOOR NO.	EQUIPMENT	DOOR FASTENERS
†81L	(a) ENGINE OIL SERVICING (b) A B FUEL CONTROL (c) ENGINE MAIN FUEL CONTROL (d) INLET FUEL MANIFOLD (e) ENGINE MAIN FUEL PUMP (f) FUEL BYPASS VALVE (g) LOW PRESSURE FUEL FILTER (h) AUXILIARY AIR DOOR ACTUATOR (i) TEMP. AMPLIFIER (j) AUXILIARY AIRDOORS SELECTOR VALVE (k) CONTROL ALTERNATOR (l) AFT 30" RACK HOOK SEAR (m) INTERMEDIATE BEARING HOUSING (n) EXTERNAL STORES ELECTRICAL (o) ENGINE MAIN FUEL FILTER (p) BYPASS INDICATOR SWITCH (q) BOMB RACK MANUAL RELEASE (r) EXTERNAL STORES BOMB RACK BREECH (s) CARTRIDGE/PNEUMATIC STARTER (t) EXTERNAL STORES AFT SWAY BRACE (u) CSD SCAVENGE OIL FILTER (v) AFT 14" RACK HOOK SEAR (f) EXTERNAL STORES AFT SWAY BRACE LEFT	HYDRAULICALLY ACTUATED DOOR (NO FASTENERS REQUIRED)	86 L & R	(a) HYD FILTER (UTILITY SYSTEM) (b) LATERAL SERIES SERVO ACTUATOR (c) ACCUMULATOR RESERVOIR PC 1 (L) (d) HYD SELECTOR VALVE (TE FLAPS) (L) (e) WALKING BEAM BELLCRANK (f) HYDRAULIC FLOW DIVIDER (TE FLAPS) (L) (g) FLAP RESTRICTORS (h) SPRING CARTRIDGE AND SCREW-JACK ACTUATOR (i) AILERON POSITION TRANSDUCER	SEE DETAIL S
†81R	(a) ENGINE ELECTRICAL DISCONNECT (b) INLET FUEL MANIFOLD (c) ENGINE OIL SERVICING (d) CONTROL ALTERNATOR (e) ENGINE MAIN FUEL CONTROL (f) INTERMEDIATE BEARING HOUSING (g) ENGINE MAIN FUEL FILTER (h) BYPASS INDICATOR SWITCH (i) AUXILIARY AIR DOOR ACTUATOR (j) BOMB RACK MANUAL RELEASE (k) CARTRIDGE/PNEUMATIC STARTER (l) BOMB RACK SAFETY PIN (m) EXTERNAL STORES AFT SWAY BRACE RIGHT (n) CSD AND ENGINE SCAVENGE OIL FILTERS (o) A B FUEL FILTER, PUMP AND CONTROL (p) ENGINE TORQUE BOOSTER (q) A B IGNITION SWITCH (r) R. H. STARTER CARTRIDGE BREECH	HYDRAULICALLY ACTUATED DOOR (NO FASTENERS REQUIRED)	87 L & R	(a) HYDRAULIC LINES	SEE DETAIL T
†82 L & R	(a) STARTOR VANE ACTUATOR (R) (b) CARTRIDGE/PNEUMATIC STARTER (c) INLET FUEL MANIFOLD (d) ENGINE ELECTRICAL DISCONNECTS (L) (e) FUEL BYPASS VALVE (R) (f) AUXILIARY AIR DOOR ACTUATOR (g) LOW PRESSURE FUEL FILTERS (R) (h) CONTROL ALTERNATOR (i) ENGINE OIL SERVICING (j) INTERMEDIATE BEARING HOUSING (k) ENGINE MAIN FUEL PUMP (R) (l) A B IGNITION SWITCH (L) (m) TEMP AMPLIFIER (n) A B FUEL PUMP AND FILTER (L) (o) ENGINE MAIN FUEL FILTER (p) A B FUEL CONTROL (q) ENGINE MAIN FUEL CONTROL (r) ENGINE TORQUE BOOSTER	SEE DETAILS Q (LEFT) AND R (RIGHT)	88 L & R	(a) HYD FILTERS (2) (PC I) (b) HYD FILTERS (2) (PC II) (c) FLAP ACTUATOR (TE ) (d) SHUTTLE VALVES (2) (e) SPOILER SERVO VALVE	SEE DETAIL U
†83 L & R	(a) ENGINE MAIN FUEL CONTROL (b) MAIN OIL COOLER (c) ENGINE NOZZLE AREA CONTROL (d) FUEL NOZZLES (e) OIL SYSTEM NOZZLE PUMP (f) CIT SENSOR COIL (g) REAR GEAR BOX SCAVENGE OIL PUMP (h) COMPRESSOR LEAKAGE AIR DUCT (i) ENGINE MAIN OIL PUMP (j) HYDRAULIC PUMP AND FILTER (k) ENGINE SUMP PRESSURIZING VALVE (l) OIL SYSTEM NOZZLE HYDRAULIC FILTERS (m) ENGINE SCAVENGE OIL FILTER (n) ENGINE MAIN (IGNITOR) PLUGS (o) ENGINE OIL PRESSURE TRANSMITTER (p) ENGINE FUEL FLOW TRANSMITTER (q) LATERAL CONTROL FEEL TRIM MOTOR (L) (r) VARIABLE STATOR ACTUATOR (s) A B FUEL PRESSURIZING VALVE (t) MAIN FUEL PRESSURIZING AND DRAIN VALVE (u) MAIN IGNITION UNIT NO. 1 AND NO. 2 (v) AFTERBURNER OIL FILTER	AIRLOC FASTENER (28)	89 L & R	(a) ELECTRONICS ACCESS (b) PITCH RATE GYRO CN560/ASA-32 (L) (c) YAW RATE GYRO CN559/ASA-32 (R) (d) TRIM CUTOUT ACCELEROMETER MX-3422/ASA-32 (L) (e) CHECK VALVE (R) (f) DUMP VALVE (R) (g) TE FLAP 1/2 DOWN LIMIT SWITCH (h) TE FLAP DOWN LIMIT SWITCH (i) TE BLC VALVE LIMIT SWITCH (j) TE BLC VALVE CONTROL LINKAGE	* NAS584-6 SCREW (41)
			†92 L & R	(a) EXTERNAL STORES FIN RESTRAINT (b) AFT MAIN ENGINE MOUNT (c) LOWER TANGENTIAL ENGINE MOUNT (d) HYDRAULIC PUMP DRAIN (e) ENGINE AFTERBURNER SPARK PLUG (f) ENGINE TORCH IGNITOR (g) TURBINE FRAM DRAIN (h) ACCESSORY DRAIN TUBE AND HOSE (i) COMBUSTION CHAMBER TUBE AND LINE	32-32518-3 BOLT (3) AIRLOC FASTENERS (13) DOORS 83 AND 96 MUST BE OPENED FIRST
			95	(a) ML-1 COMPASS TRANSMITTER	HT3N5 BOLT (36)
			†96 L & R	(a) ENGINE NOZZLE ACTUATORS	32-32517-3 BOLT (4) AIRLOC FASTENERS (11)
			123 L & R	(a) AFT RAMP HINGE PIN	NAS333CFA6-5 SCREW (17)
			129 L & R	(a) PYLON FWD MOUNTING BRACKET (b) PYLON ELECTRICAL DISCONNECT	NAS333CFA10 SCREW (12)
			137 L & R	(a) STARTER CARTRIDGE SPARE	SEE DETAIL GG
			138	(a) L.H. PNEUMATIC STARTER INLET	AIRLOC FASTENERS (9)
			139	(a) R.H. PNEUMATIC STARTER INLET	AIRLOC FASTENERS (13)
			140	(b) L.H. STARTER CARTRIDGE BREECH (b) CARTRIDGE/PNEUMATIC STARTER	AIRLOC FASTENERS (15)
			†502	(a) STILL PICTURE CAMERA, KS-72A (b) LOW ALTITUDE PANORAMIC STILL PICTURE CAMERA CONTROL UNIT (c) AIRCRAFT CAMERA PARAMETER CONTROLS LA-311A (d) PHOTOGRAPHIC CONTROL JUNCTION BOX (e) CAMERA CONTROL PHOTOFLASH DETECTOR TEST SWITCH (f) WINDOW DEFOG BLOWER ASSEMBLY	MECHANICAL LATCHING MECHANISM SECURED WITH AIRLOC FASTENERS (21)

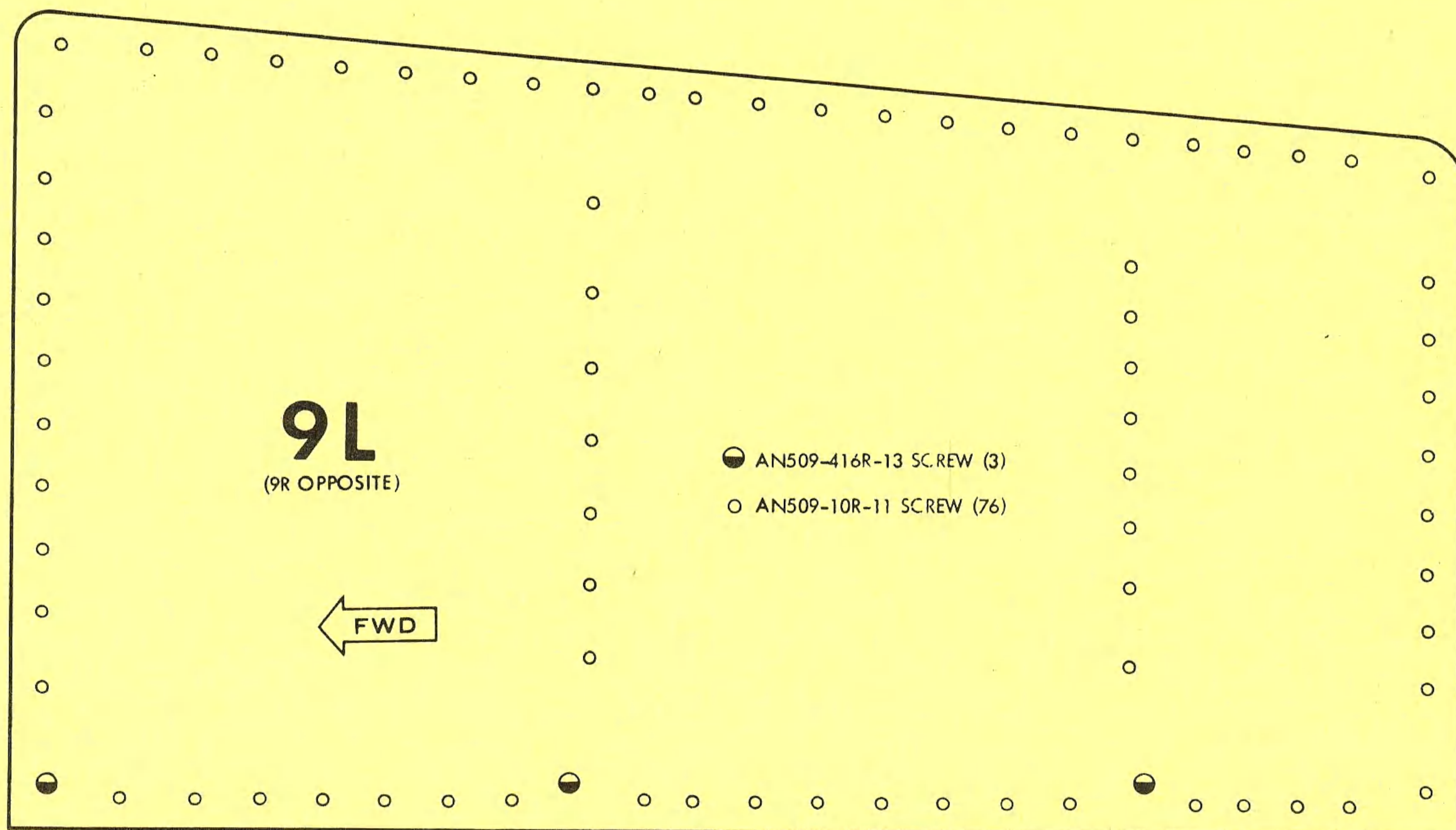
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DOOR NO.	EQUIPMENT	DOOR FASTENERS	DOOR NO.	EQUIPMENT	DOOR FASTENERS
‡ 503	(a) LOW ALTITUDE PANORAMIC STILL PICTURE CAMERA, KA-56 SERIES (b) AERIAL PHOTOGRAPHIC FILM CASSETTE EJECTOR SET, LS-53A (c) STILL PICTURE CAMERA, KS-72 SERIES (d) LEVELING AMPLIFIER POWER SUPPLY (e) DIRECTIONAL DISPLACEMENT GYRO (f) ROLL AND PITCH DISPLACEMENT GYRO (g) ADF ANTENNA AS-1099/ASQ-19 OR AS-909/ARA-48	MECHANICAL LATCHING MECHANISM SECURED WITH AIRLOC FASTENERS NOTE DOOR 502 MUST BE OPENED FOR ACCESS TO TWO INTERNAL LOCK PINS	‡ 507R	(a) ANTENNA GROUP, OA-6506/ALR-17 (b) FREQUENCY CONVERTER-TRANSMITTER, CV-1678/APQ-102 (c) AUTO TRANSFORMERS (d) EXTERIOR LIGHTS FLASHER (e) LANDING LIGHTS RELAY (f) TAXI LIGHT RELAY (g) LATERAL CONTROL OVERRIDE SPRING CARTRIDGE	MILSON FASTENERS (28)
‡ 505	(a) HIGH ALTITUDE PANORAMIC STILL PICTURE CAMERA, KA-55 SERIES (b) AIRCRAFT MAPPING CAMERA TYPE T-11 (c) STILL PICTURE CAMERA KS-72 SERIES (d) AIRCRAFT CAMERA MOUNT SET, LS-58A	AN509-10R12 SCREWS (19)	‡ 508	(a) RADAR MAPPING RECORDER, RO-249/APQ-102 (b) AIRCRAFT BATTERY (c) RADAR MAPPING RECORDER, RO-249/APQ-102	MILSON FASTENERS (16)
‡ 506	(a) (L) ANTENNA, AS-1586/APQ-102 (b) (R) ANTENNA, AS-1587/APQ-102 (c) (L) ANTENNA CONTROL GROUP, OA-6413/APQ-102 (d) (R) ANTENNA CONTROL GROUP OA-6414/APQ-102 (e) (L) ANTENNA CONTROL, C-6067/APQ-102 (f) (R) ANTENNA CONTROL, C-6066/APQ-102 (g) LATERAL CONTROL OVERRIDE SPRING CARTRIDGE	AN509-416R13 SCREWS (24) (RADAR MAPPING RADOME)	‡ 509	(a) INFRARED RECEIVER, R-1190/AAS-18 (b) INFRARED MAPPING RECORDER, RO-229/AAS-18 (c) FILM MAGAZINE, MA-10/AAS-18	MILSON FASTENERS (14)
‡ 507L	(a) ANTENNA GROUP, OA-6505/ALR-17 (b) RADAR MAPPING RECORDER, RO-249/APQ-102 (c) SENSOR (d) SOLENOID (e) ANTICIPATOR (f) ALTITUDE PRESSURE SWITCH (g) (R) LANDING GEAR EMERGENCY AIR BOTTLE	MILSON FASTENERS (17)	510L	(a) CAMERA CONTROL PHOTOFLASH DETECTOR, LA-285A (b) RADAR RECEIVER TRANSMITTER, APN/159 (c) POWER SUPPLY APN/159 (d) TRAILING EDGE FLAP FLOW DIVIDER	MILSON FASTENERS (35)
			510R	(a) GENERATOR CONTROL PANELS (b) FREQUENCY AND LOAD CONTROL BOX	MILSON FASTENERS (35)
			‡ 514 L/R	(a) DOOR 83L/R FASTENERS (b) AFT BLC VALVES	AIRLOC FASTENERS (10)
			‡ 515	(a) OPTICAL VIEWFINDER	AN509-10R-17 (8)



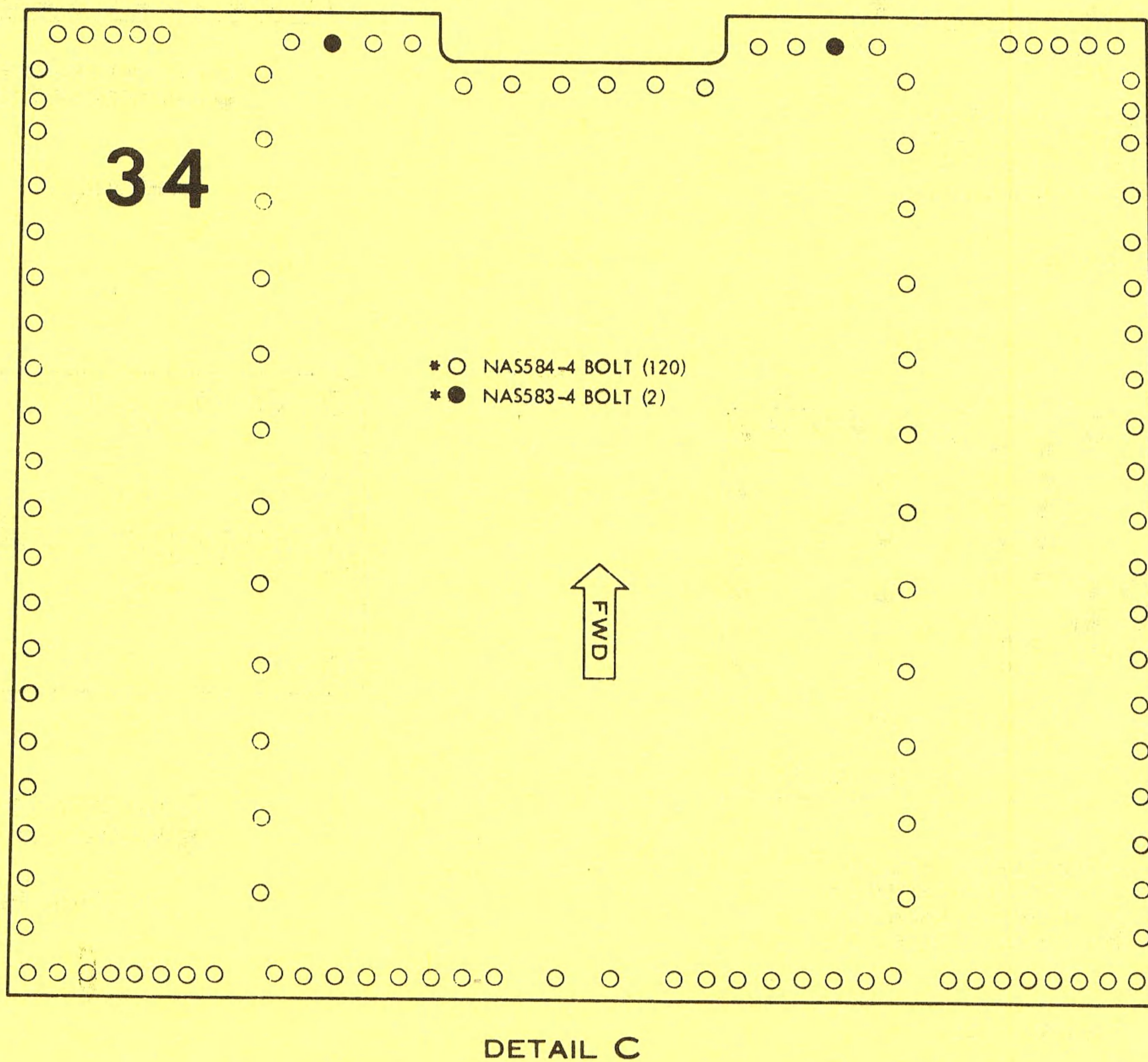
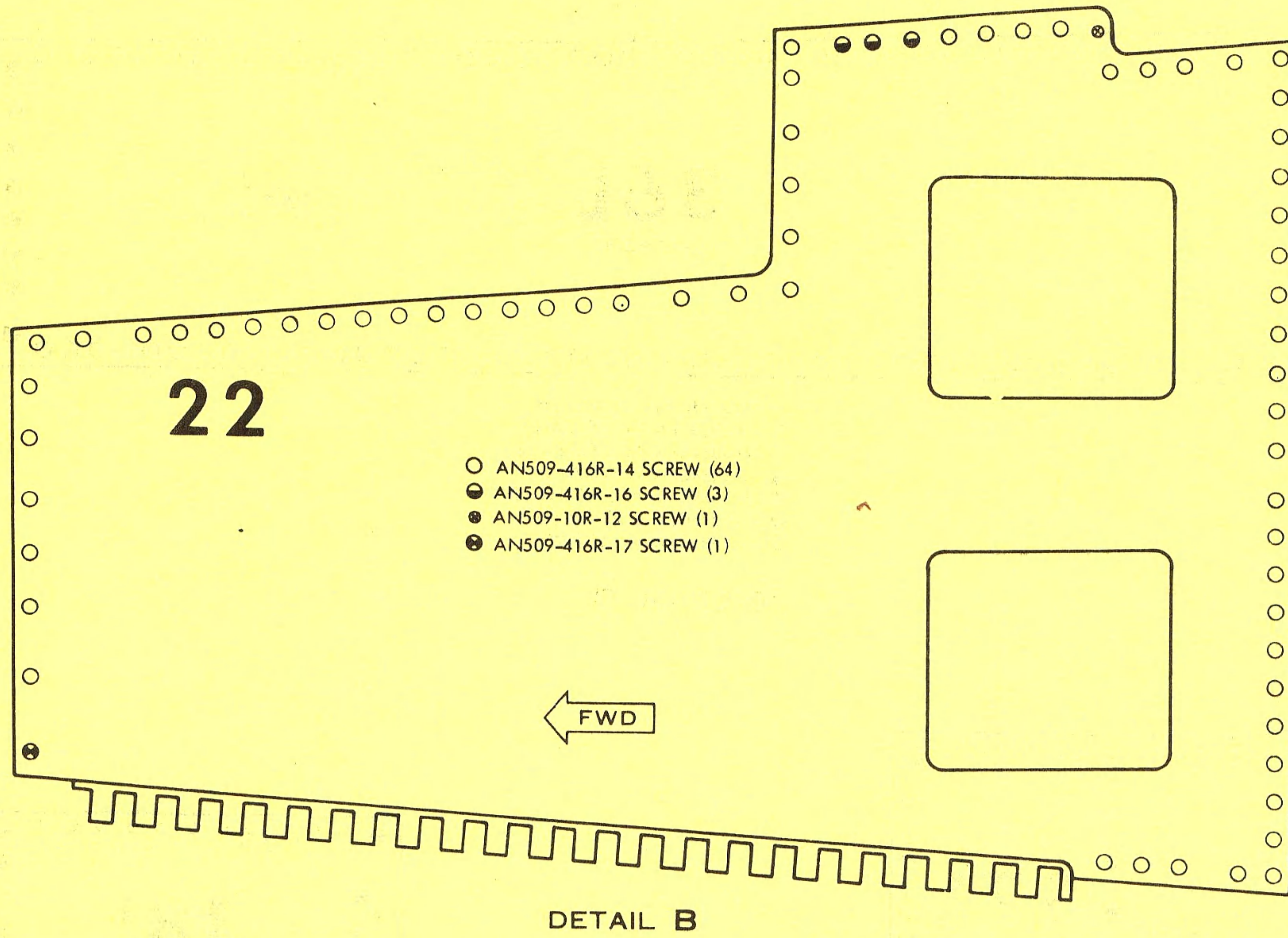
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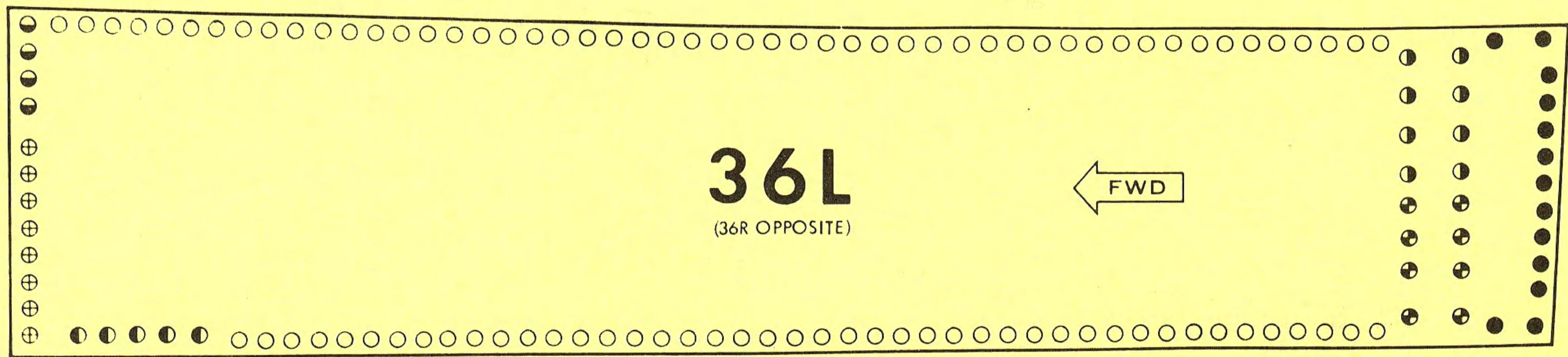
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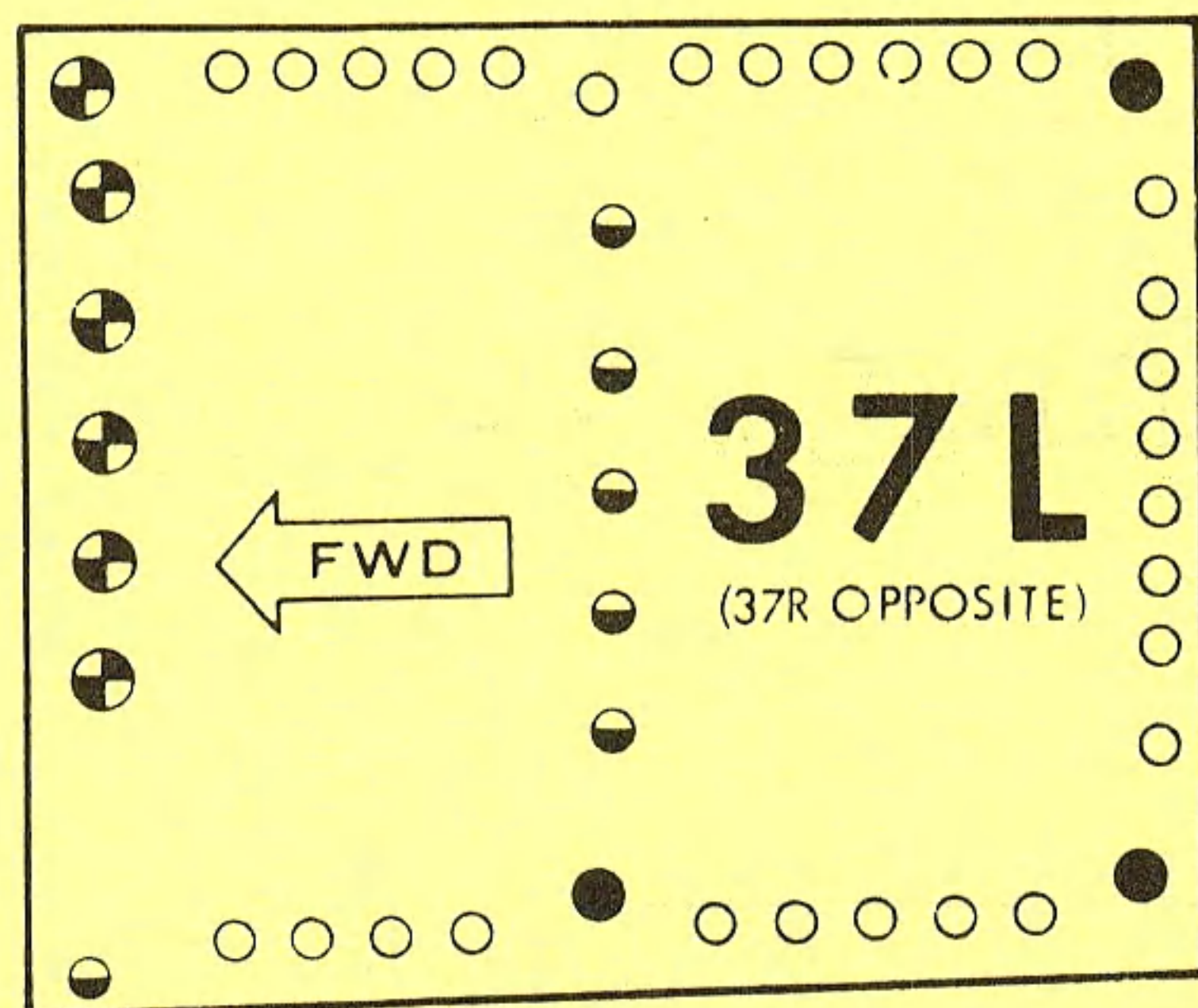
# EXTERNAL ACCESS DOORS (RF-4C)

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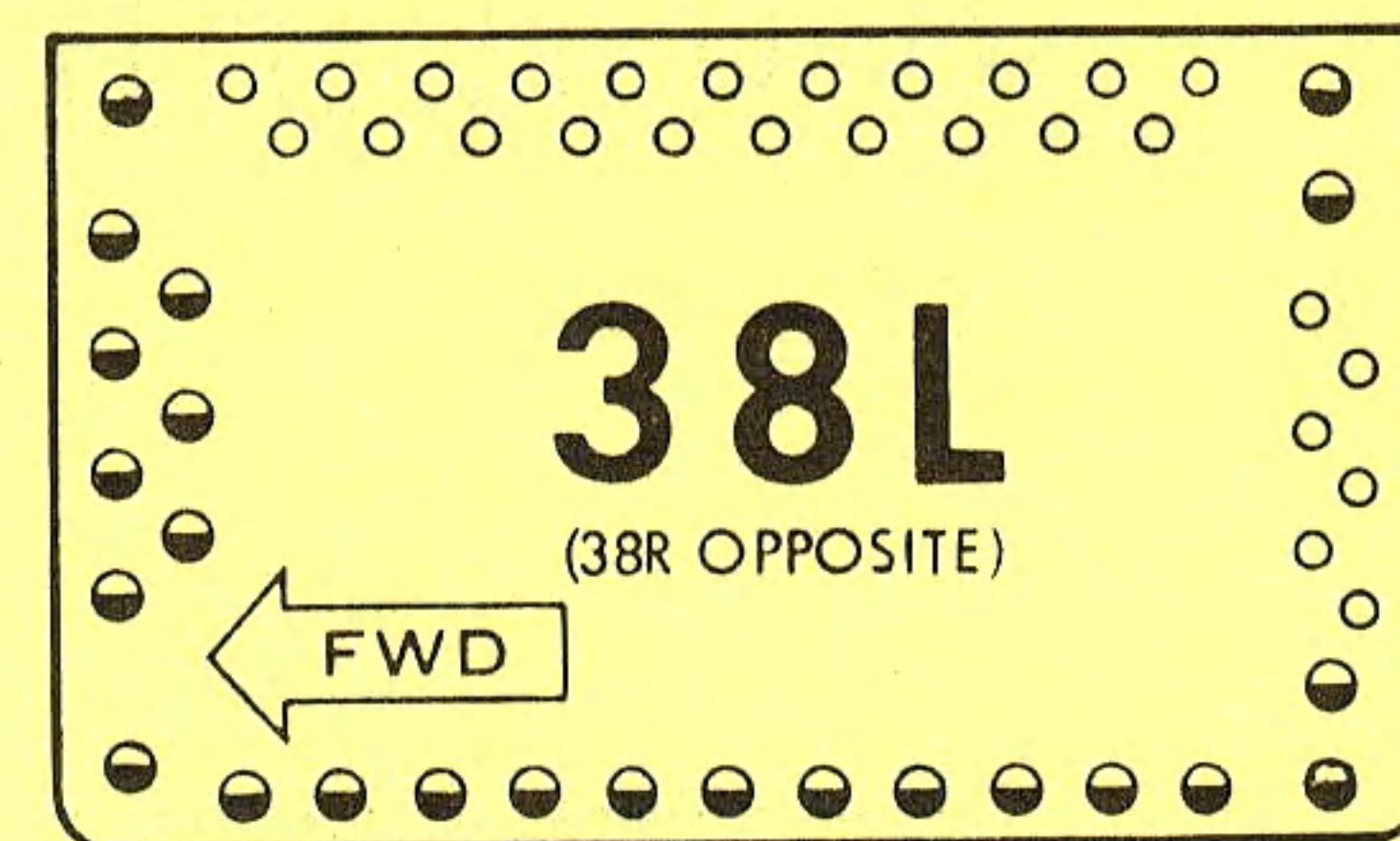
- NAS334CFA-6 SCREW (95)
- NAS335CFA-7-5 SCREW (4)
- ⊕ NAS334CFA-15-5 SCREW (8)
- NAS334CFA-12 SCREW (8)
- ⊕ NAS335CFA-13-5 SCREW (8)
- NAS333CFA-5 SCREW (13)
- NAS335CFA-6-5 SCREW (5)

□ DETAIL D



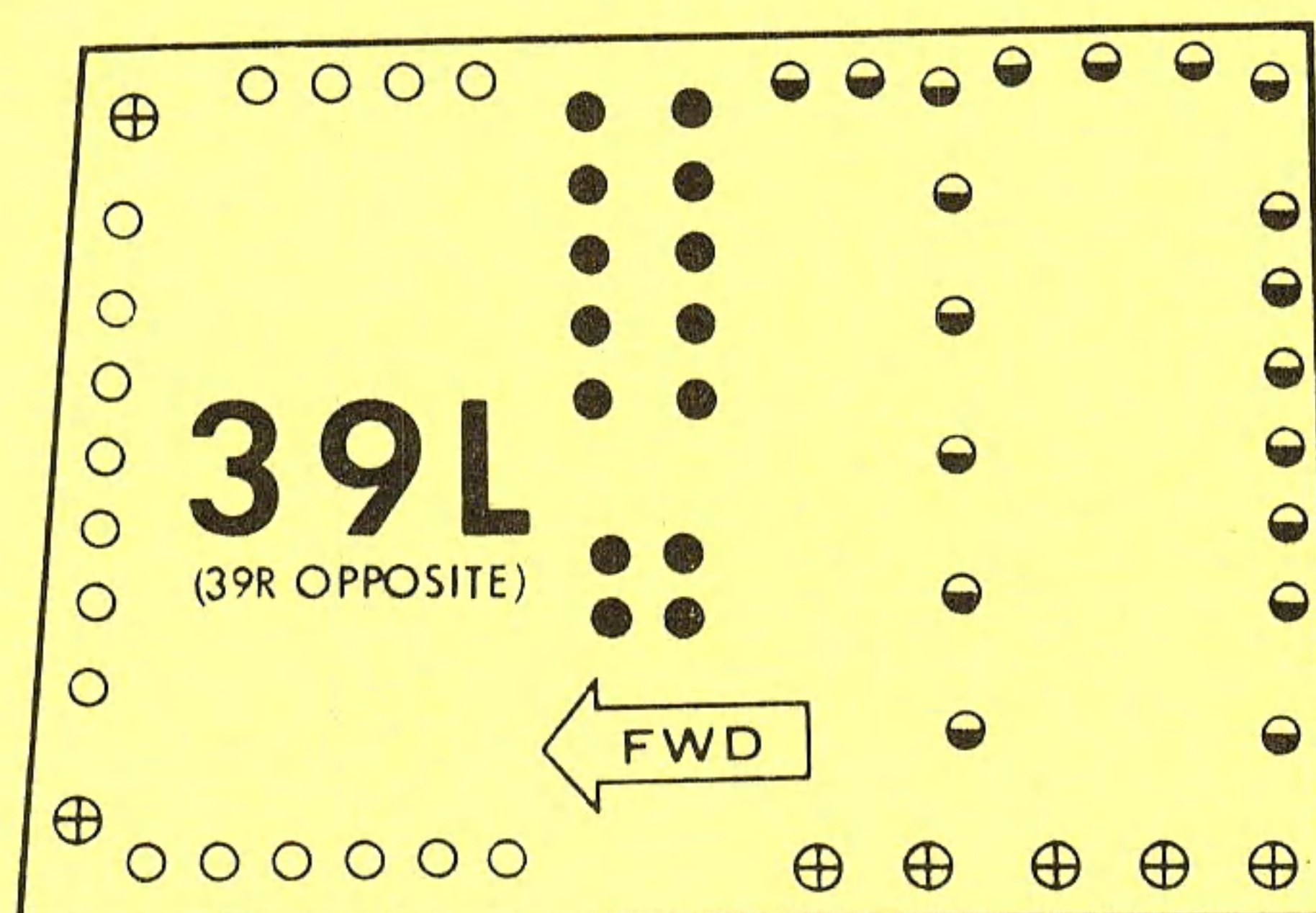
- NAS334CFA-10-5 SCREW (29)
- ⊕ NAS334CFA-5-5 SCREW (6)
- ⊕ NAS336CFA-15 SCREW (6)
- NAS335CFA-7-5 SCREW (3)

□ DETAIL E



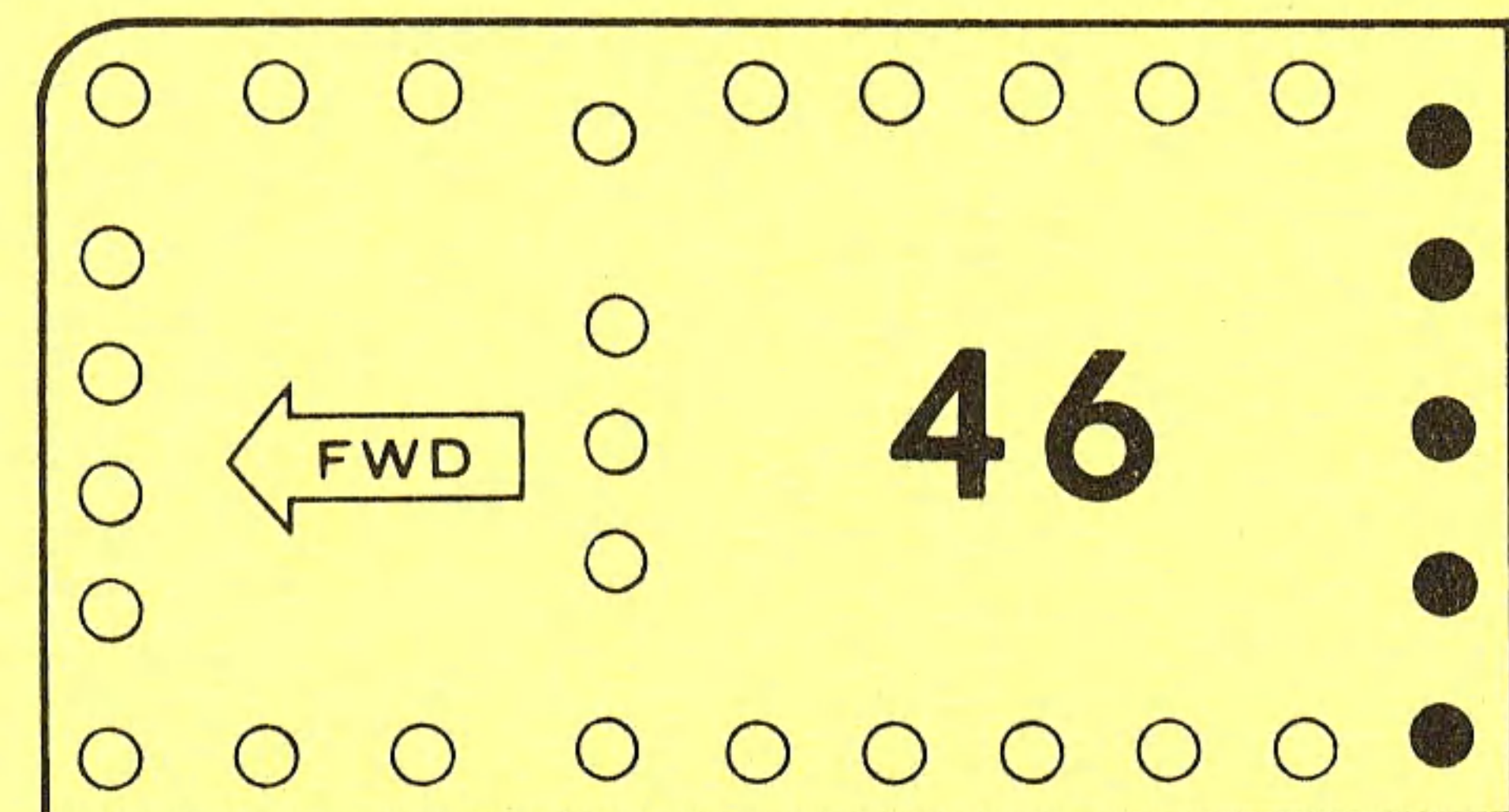
- NAS333CFA-5-5 SCREW (27)
- NAS334CFA-6-5 SCREW (24)

□ DETAIL F



- NAS334CFA-7-5 SCREW (17)
- NAS333CFA-5-5 SCREW (19)
- ⊕ NAS335CFA-7-5 SCREW (7)
- NAS334CFA-21 SCREW (14)

□ DETAIL G



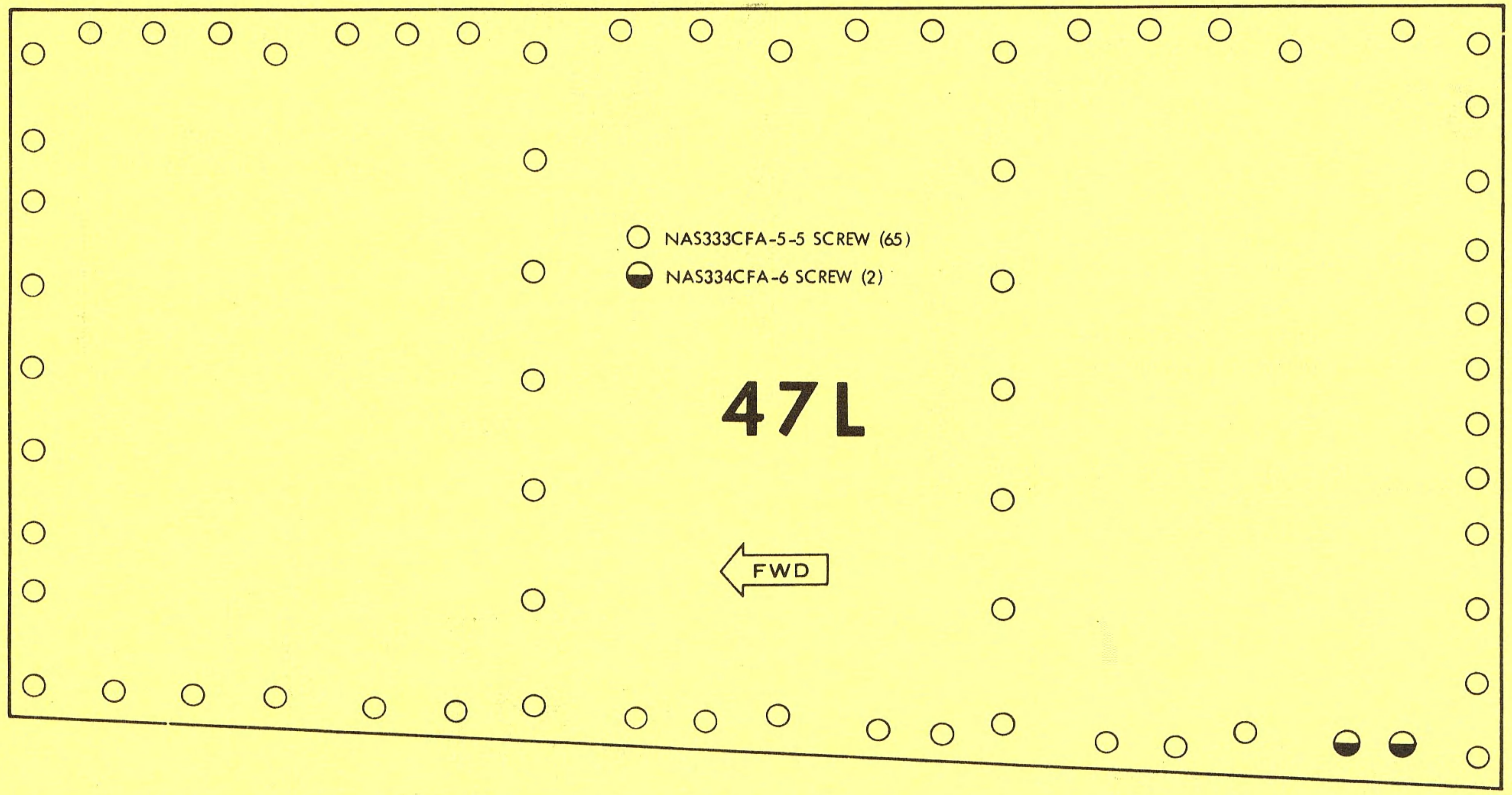
- NAS333CFA-4-5 SCREW (25)
- NAS333CFA-7-5 SCREW (5)

□ DETAIL H

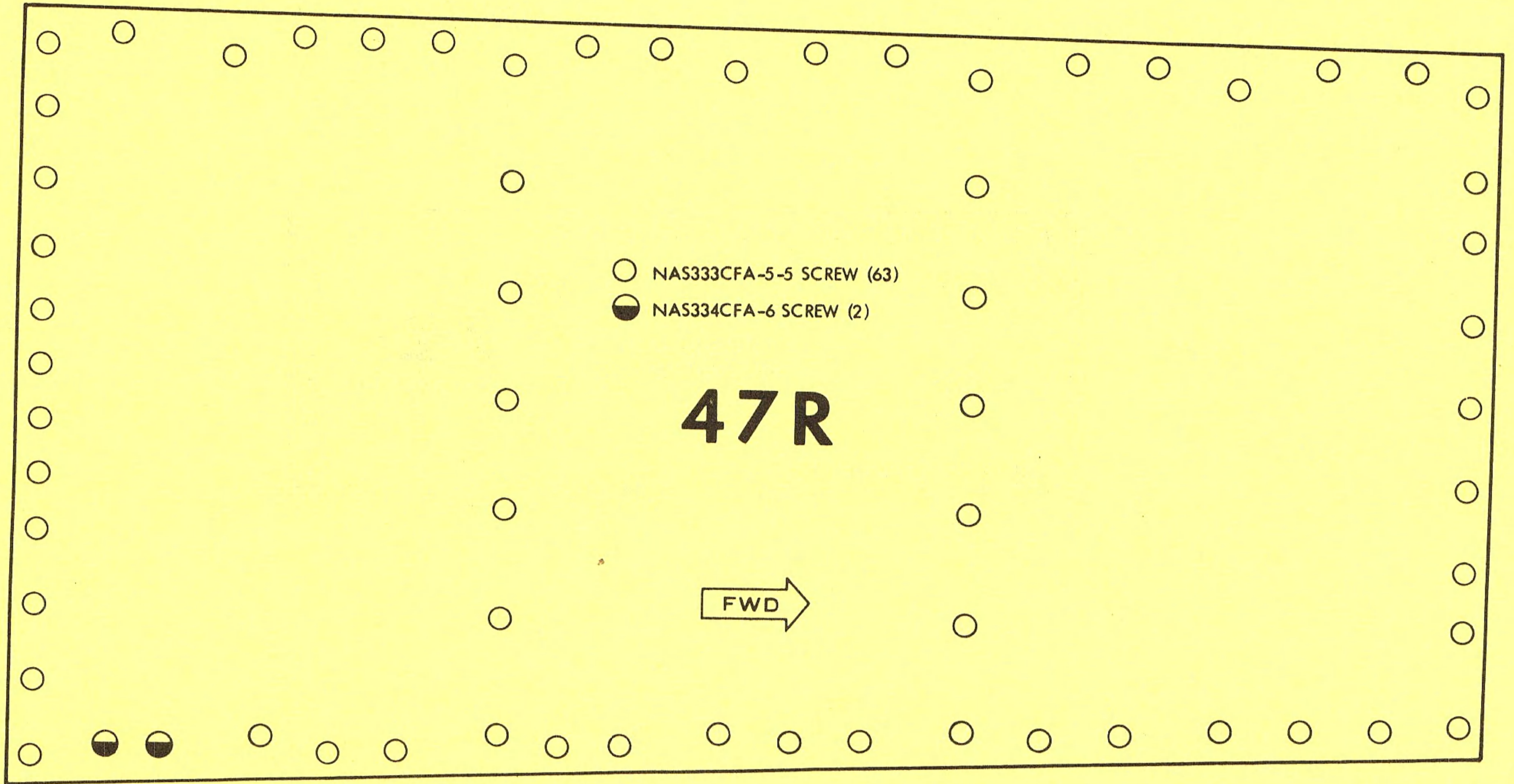
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# EXTERNAL ACCESS DOORS (RF-4C)

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DETAIL J



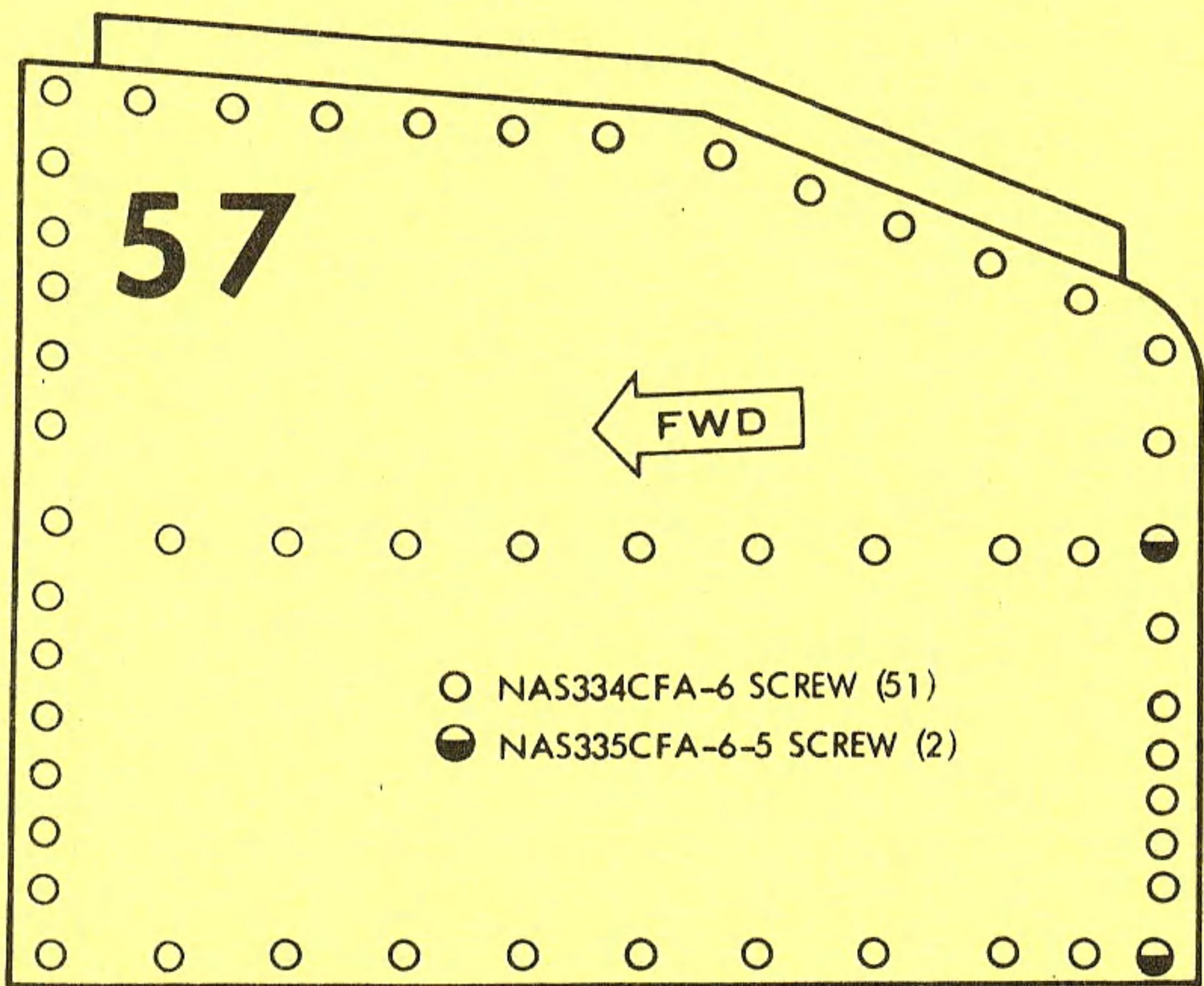
DETAIL K

R/TS53-482-15A

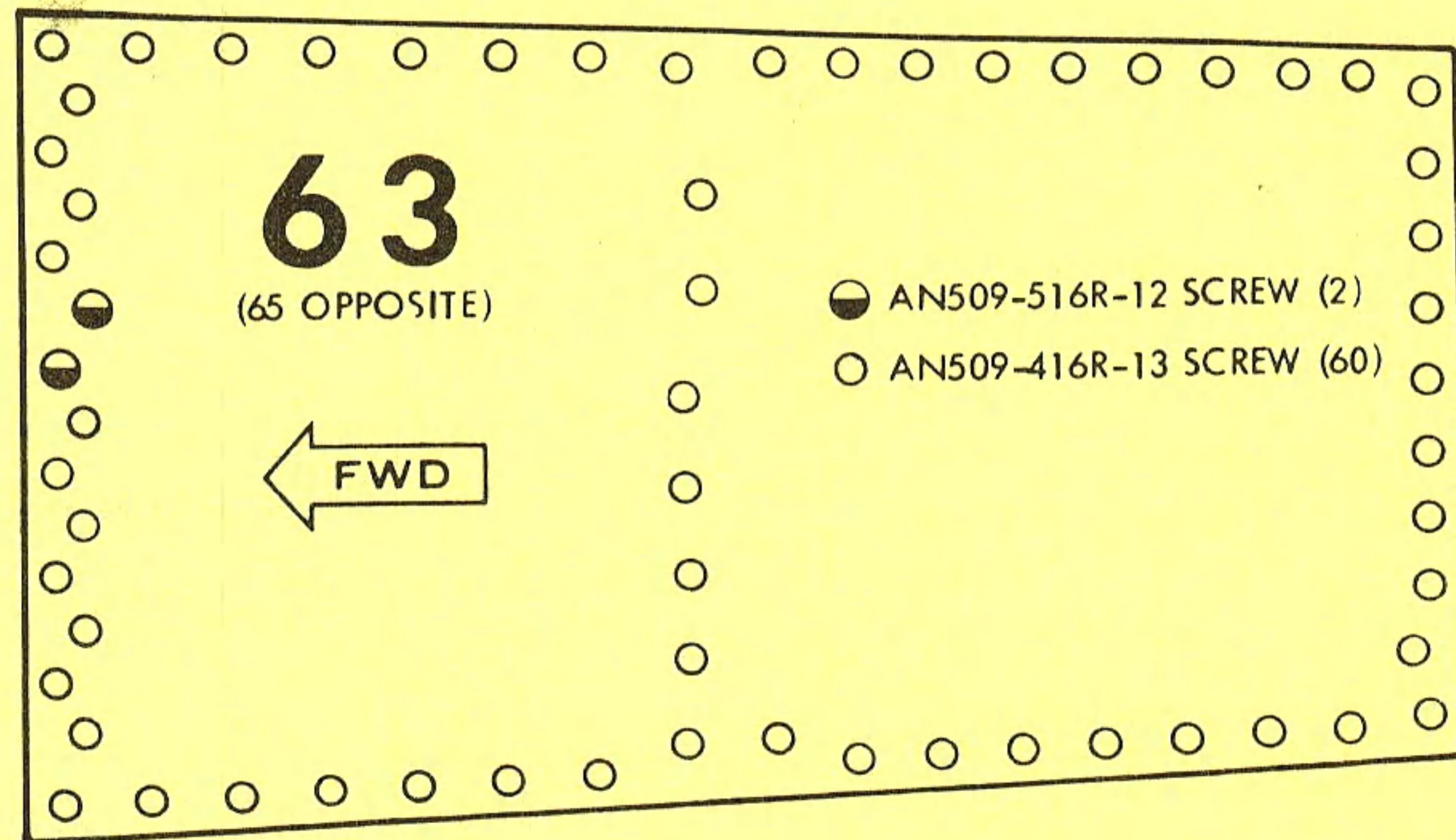
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CHANGED: 15 NOVEMBER 1965 **0.1.6 (11 OF 20)**

# EXTERNAL ACCESS DOORS (RF-4C)

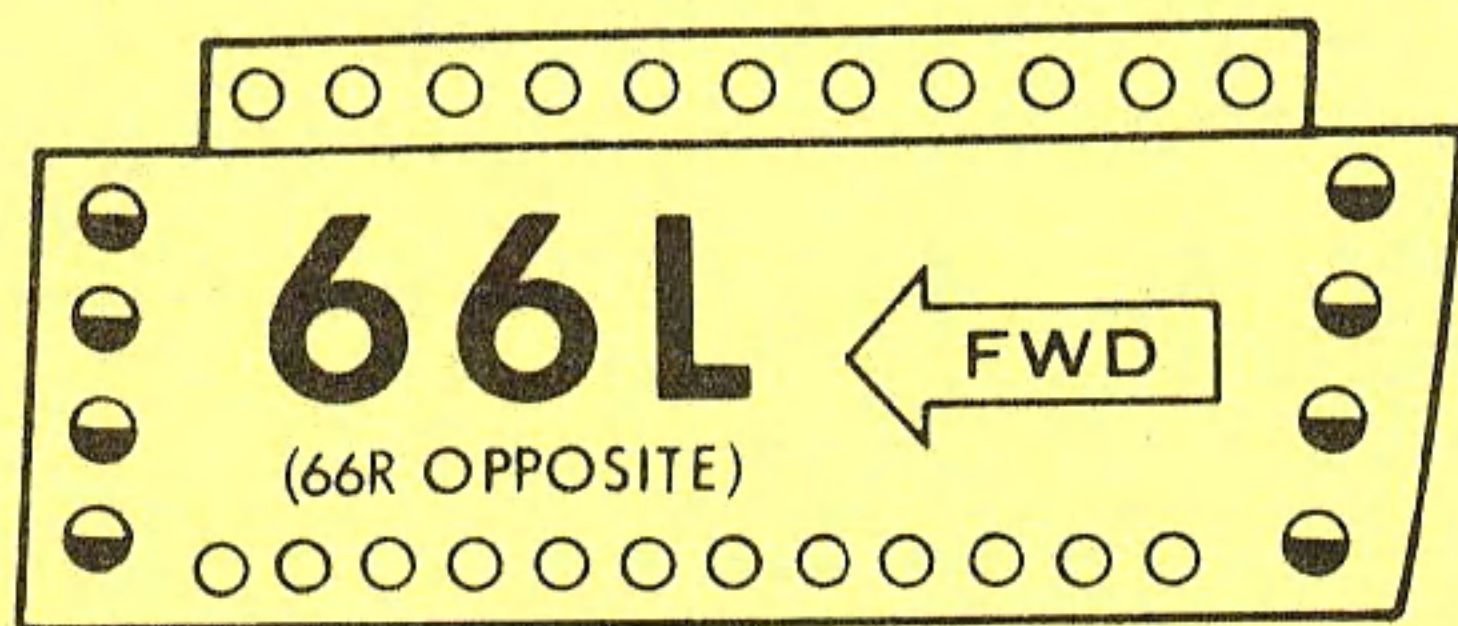
TDDR-50B(RF)  
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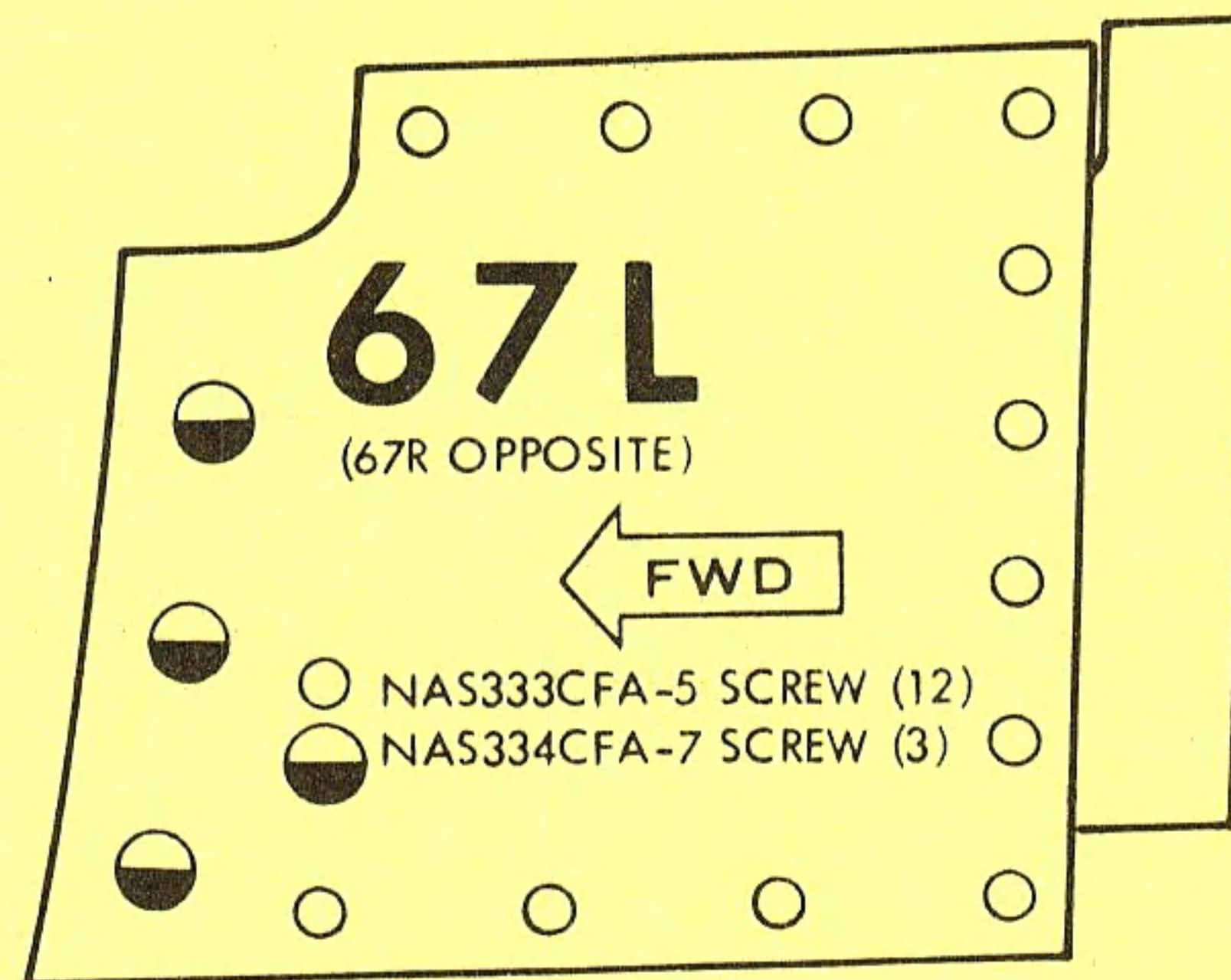
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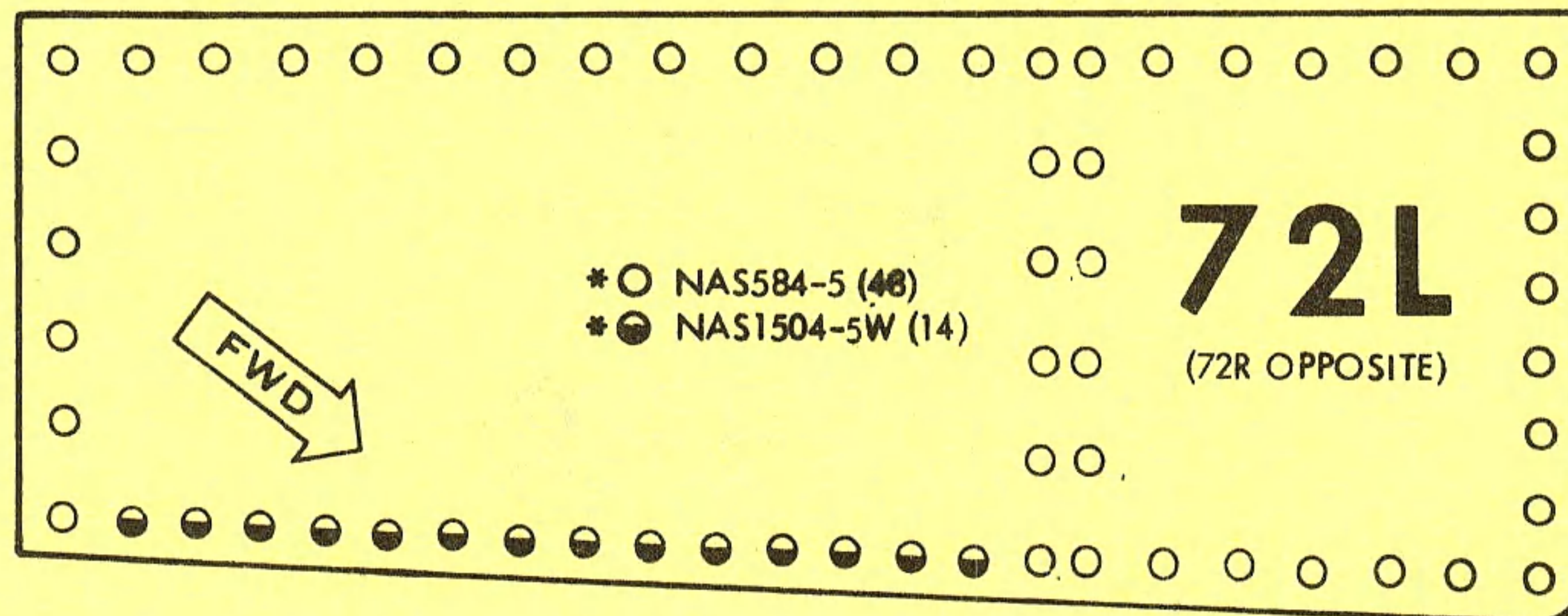
DETAIL M



DETAIL N



DETAIL P



DETAIL K-K

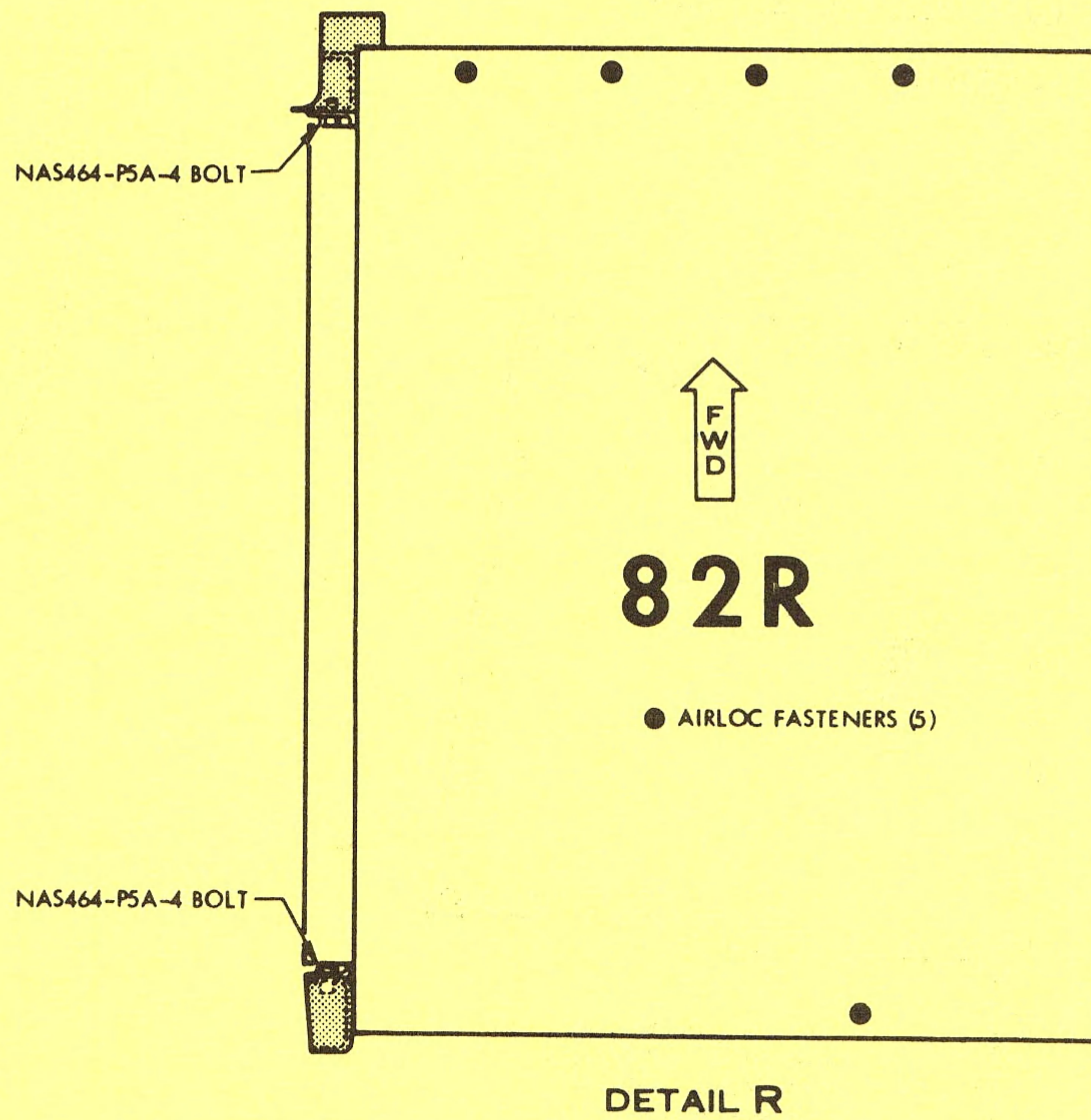
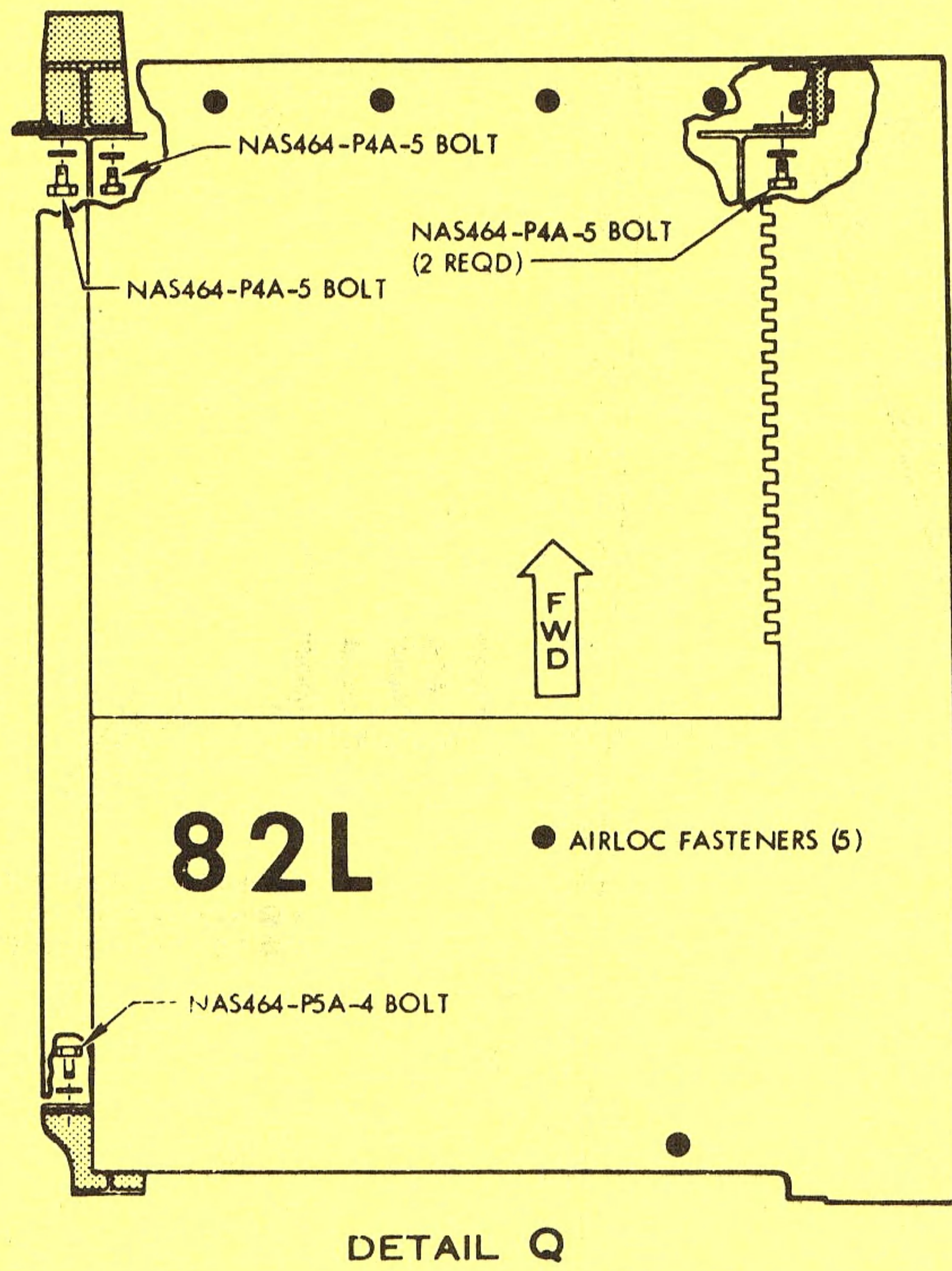
R/T5 53-482-16A

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CHANGED: 15 NOVEMBER 1965

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# EXTERNAL ACCESS DOORS (RF-4C)

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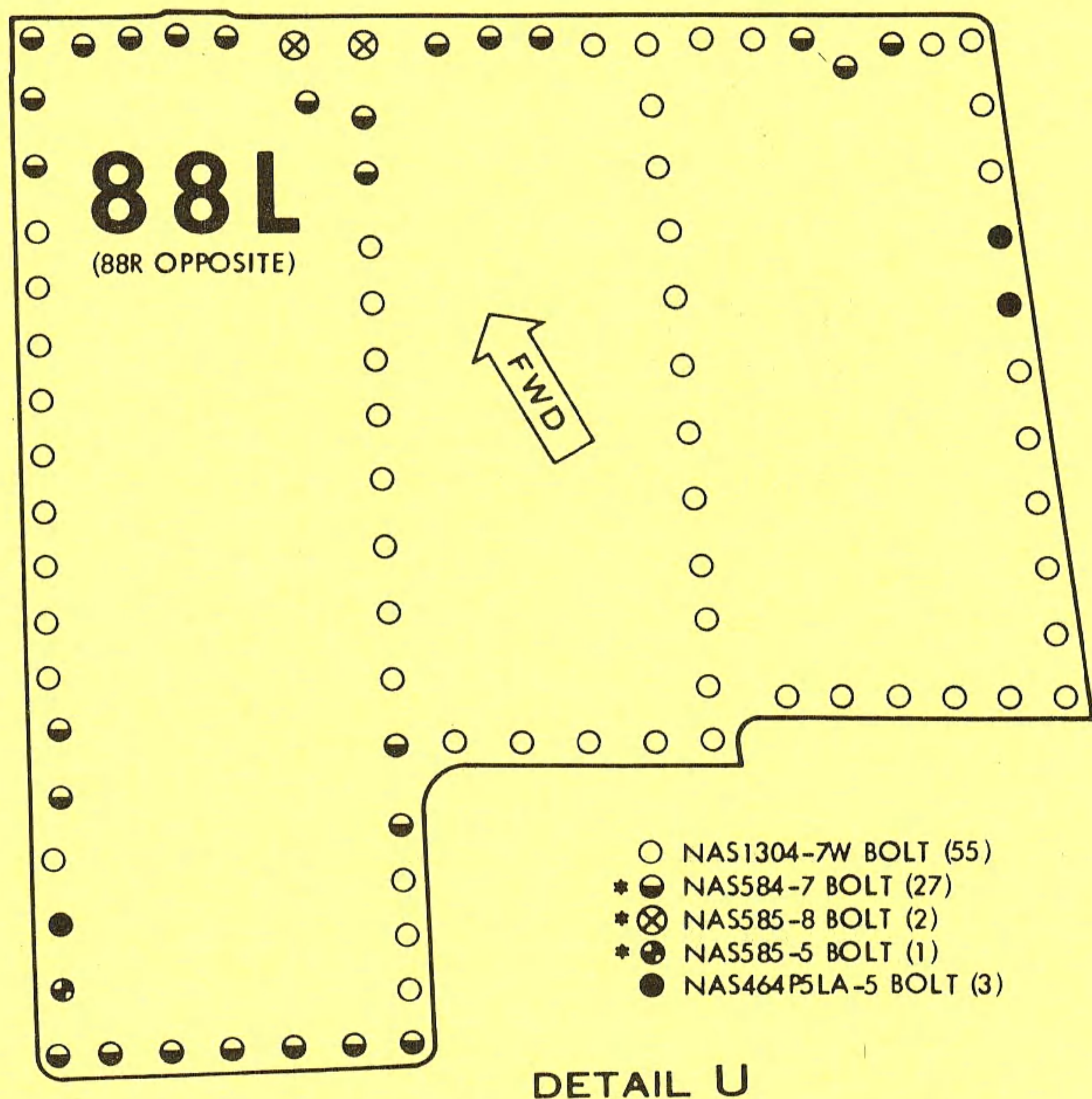
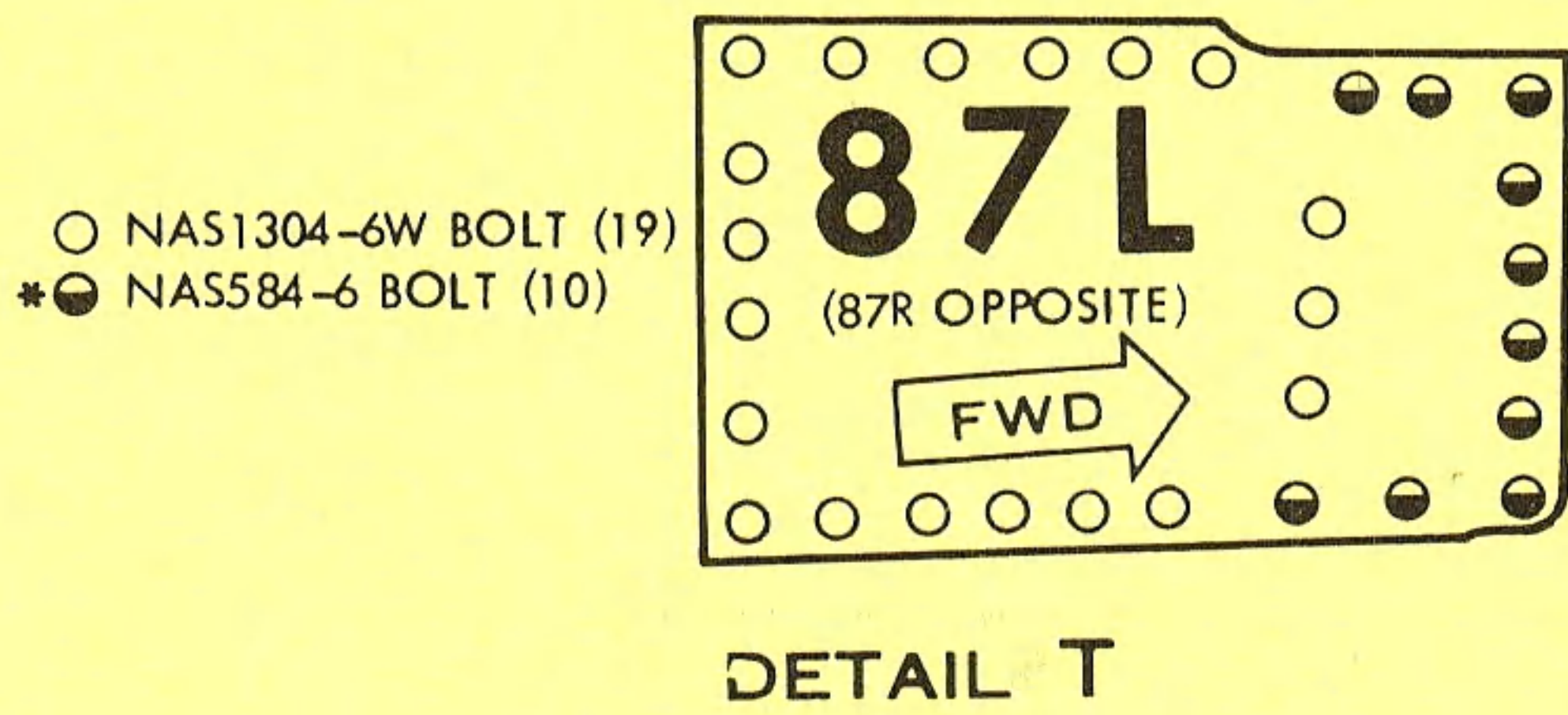
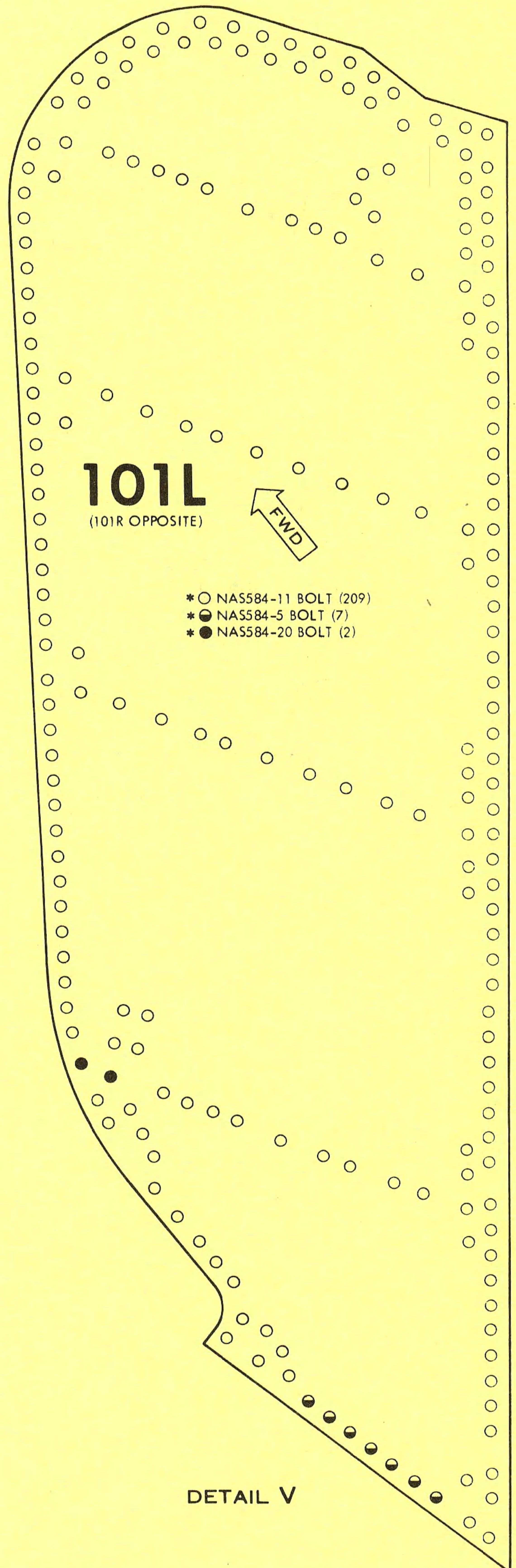
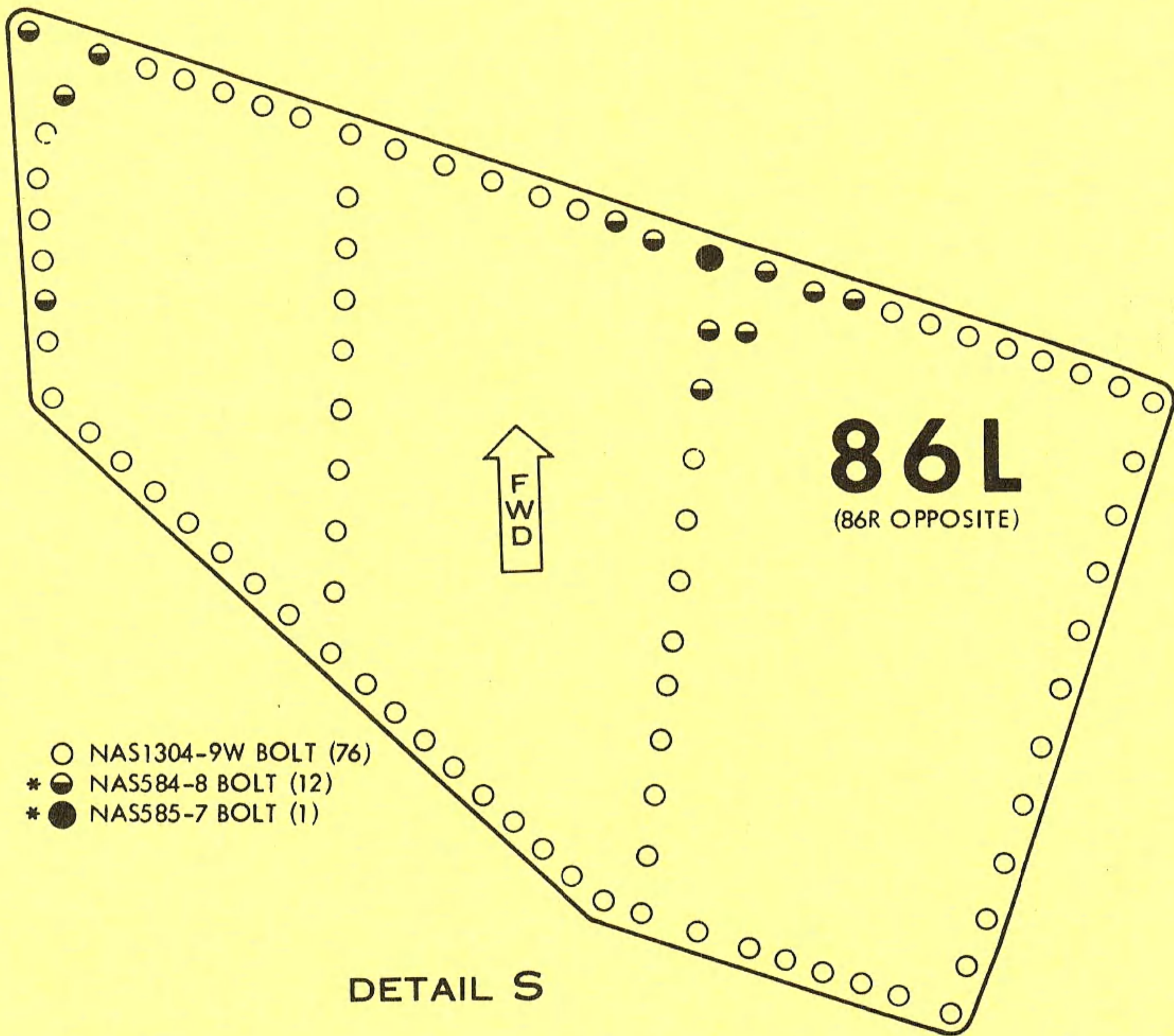


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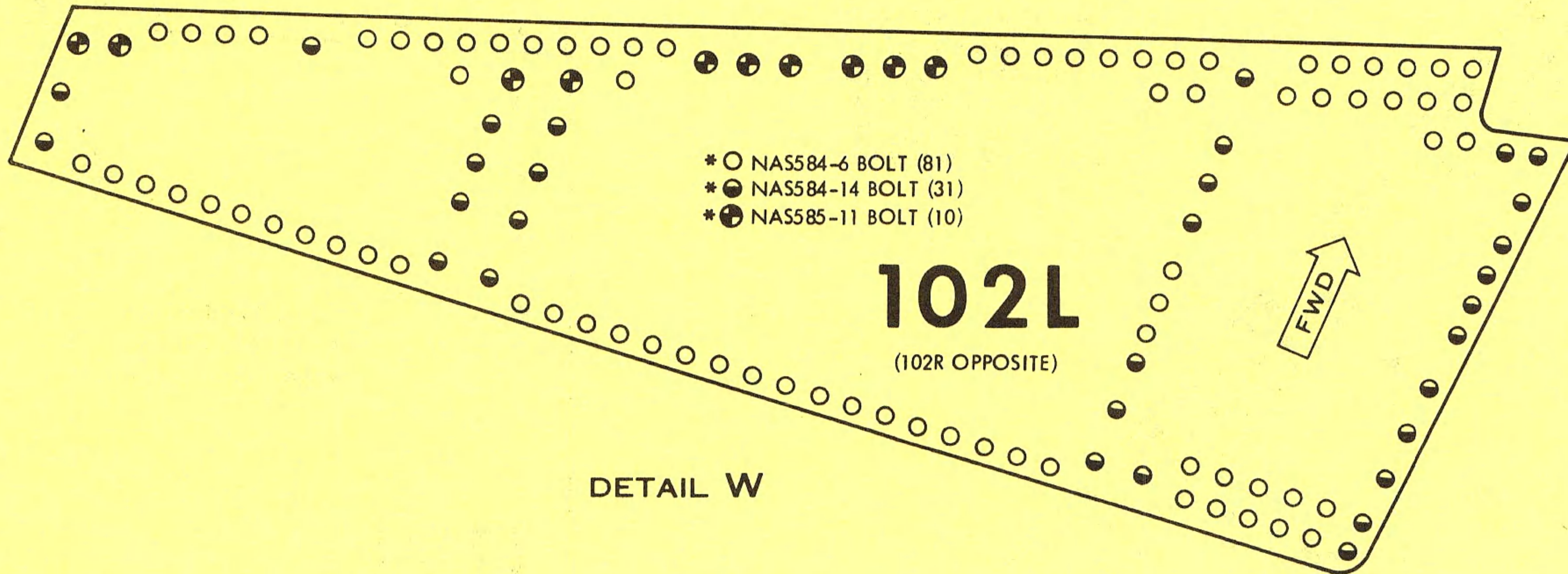
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VOLS 1 THRU 7



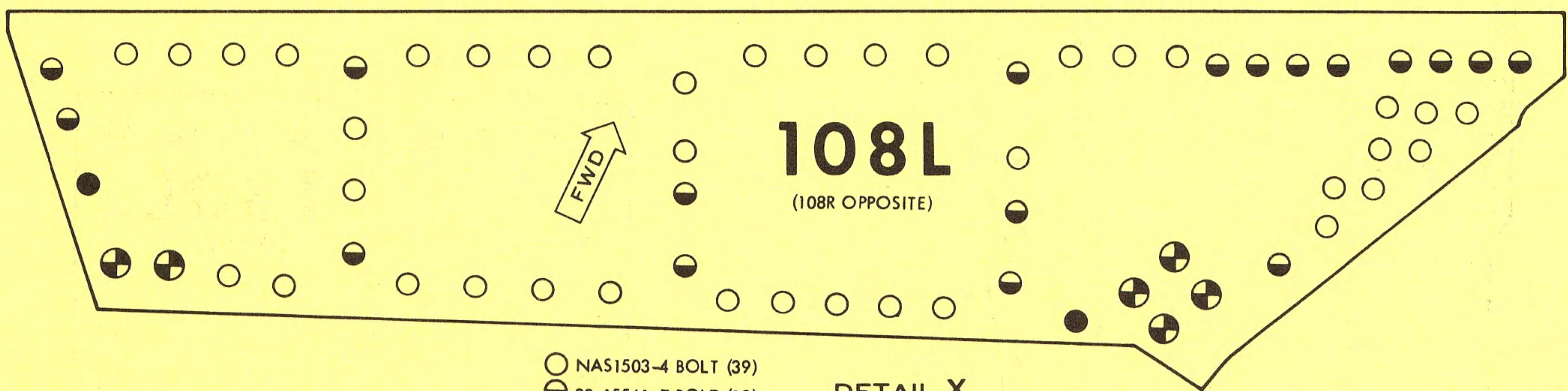
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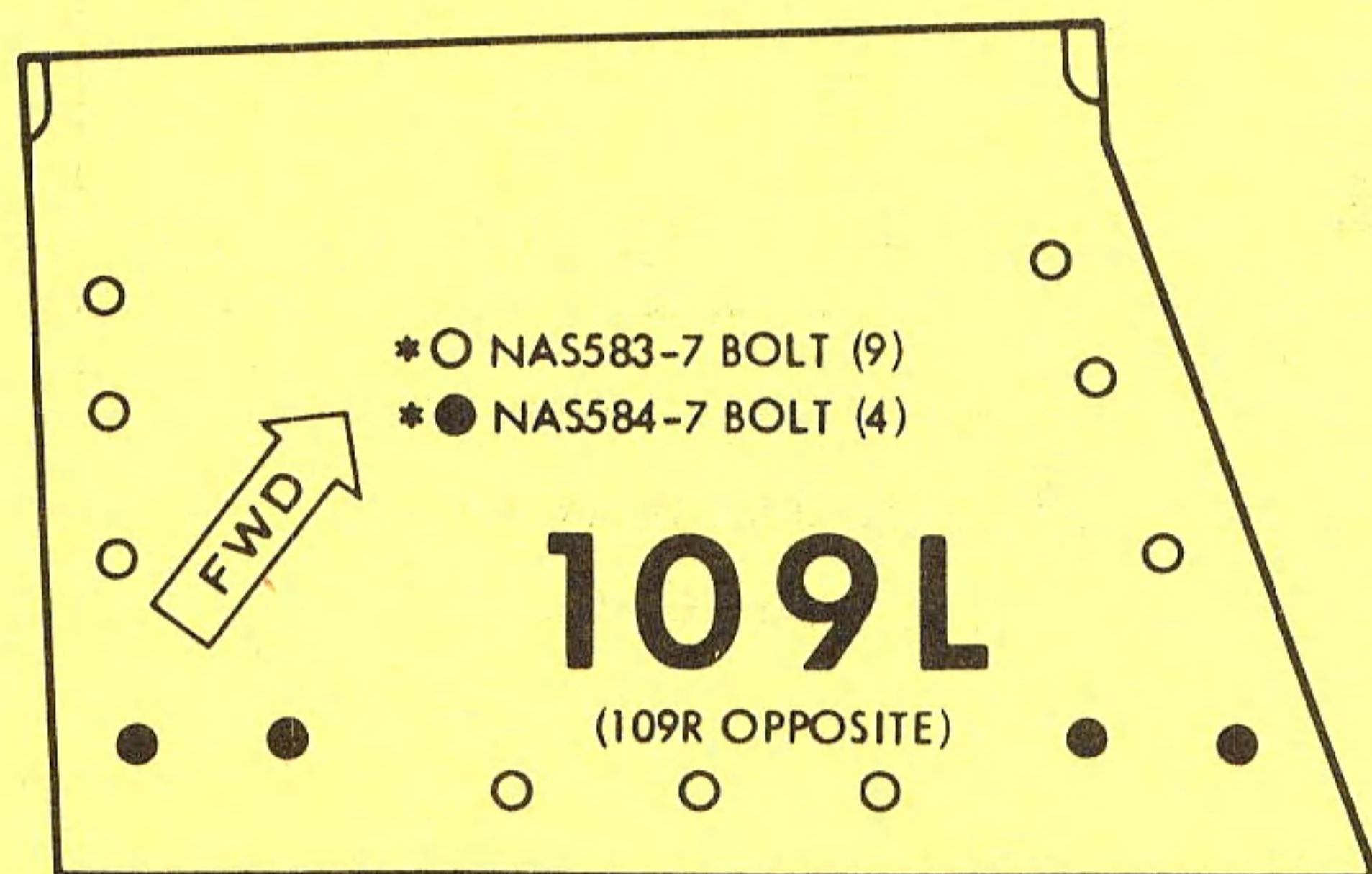
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VOLS 1 THRU 7



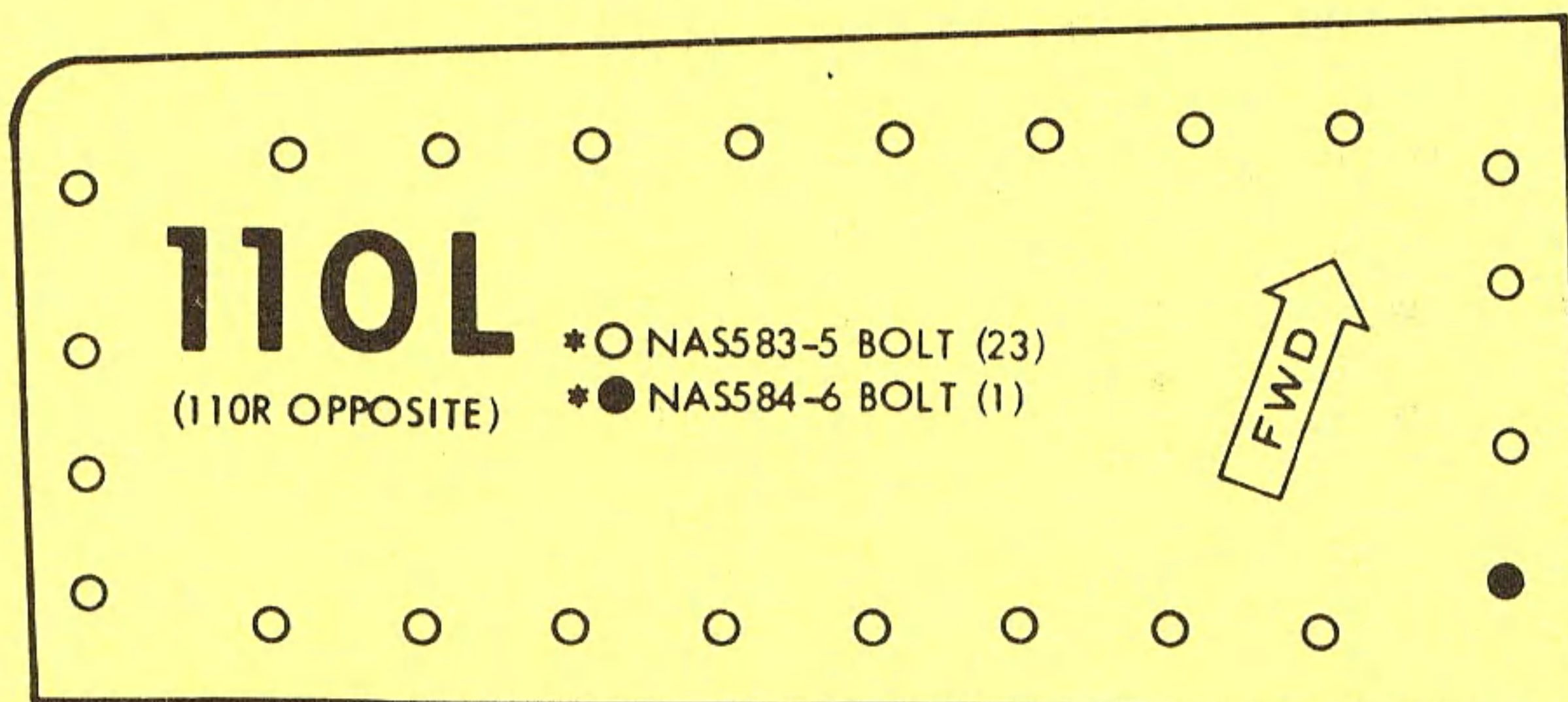
DETAIL W



DETAIL X



DETAIL Y

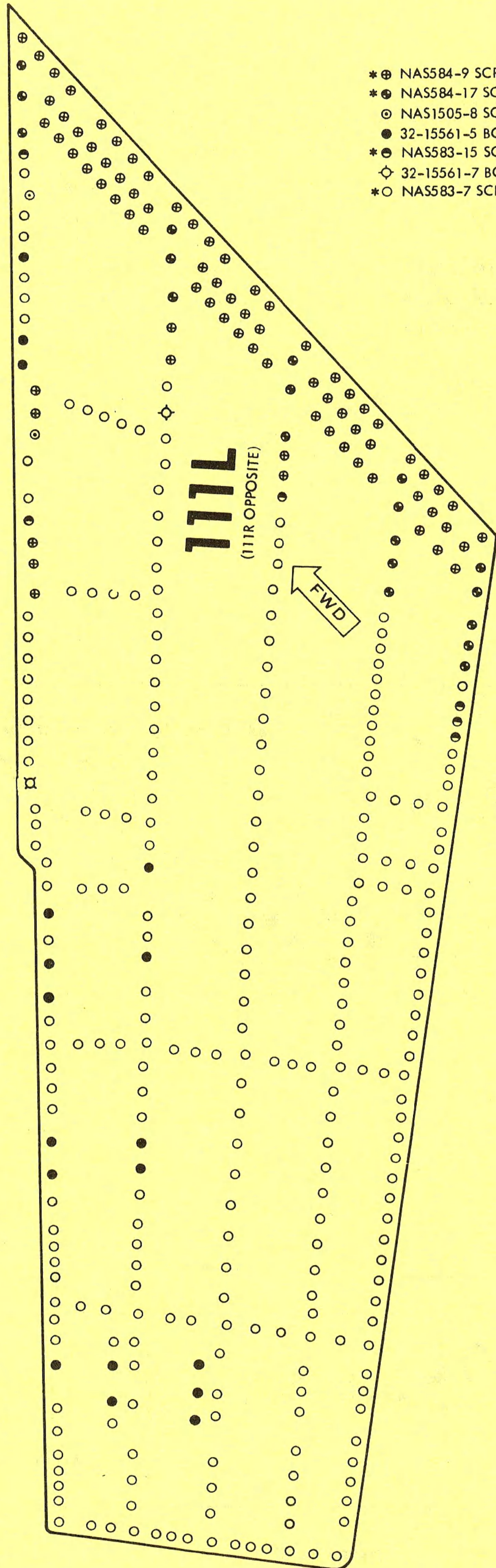


DETAIL Z

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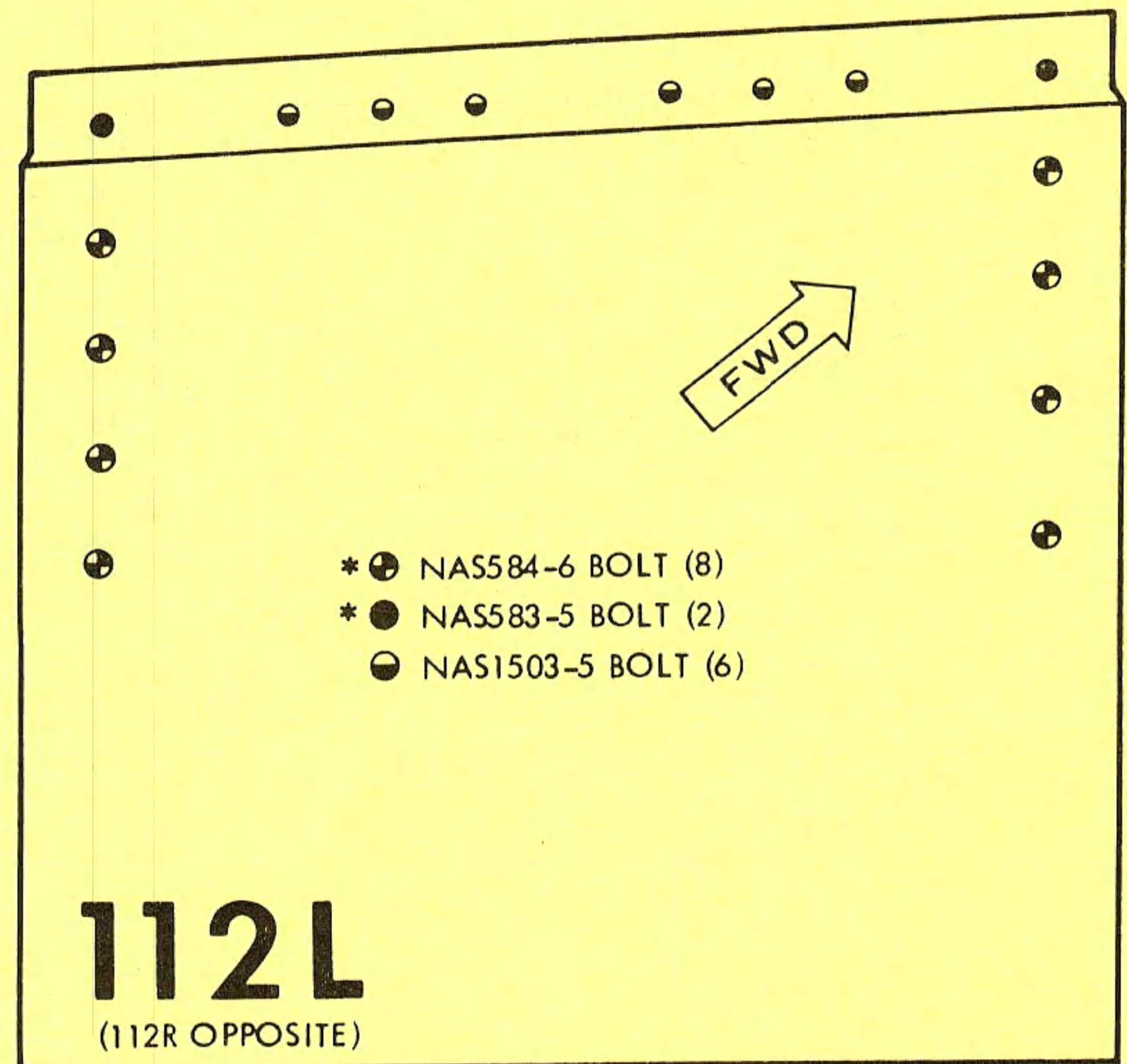
# EXTERNAL ACCESS DOORS (RF-4C)

TDDR-50B(RF)  
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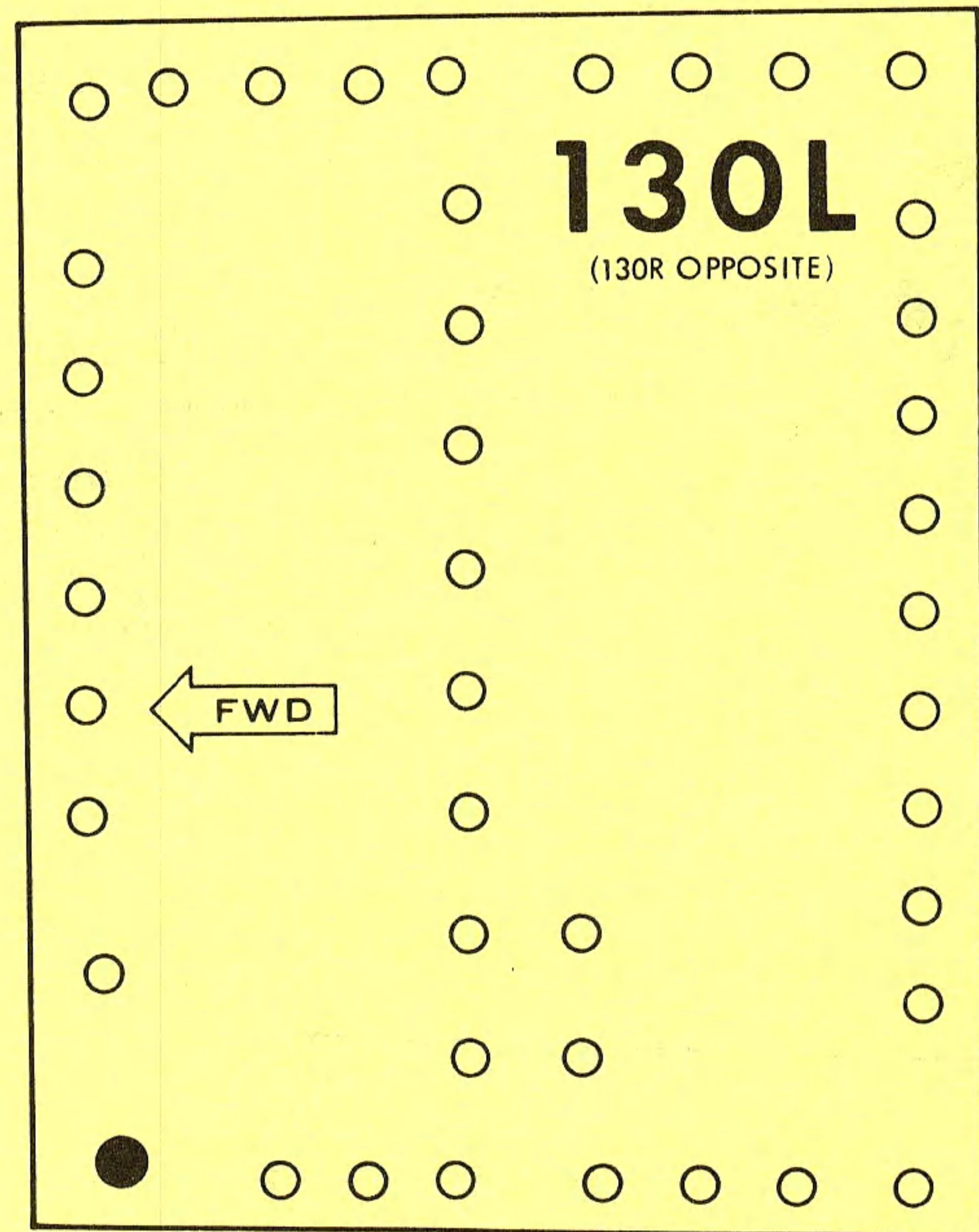
- \*⊕ NAS584-9 SCREW (77)
- \*⊙ NAS584-17 SCREW (19)
- ⊙ NAS1505-8 SCREW (2)
- 32-15561-5 BOLT (18)
- \*⊙ NAS583-15 SCREW (6)
- ◇ 32-15561-7 BOLT (2)
- \*○ NAS583-7 SCREW (255)

DETAIL A-A



- \*⊕ NAS584-6 BOLT (8)
- \*⊙ NAS583-5 BOLT (2)
- NAS1503-5 BOLT (6)

DETAIL B-B



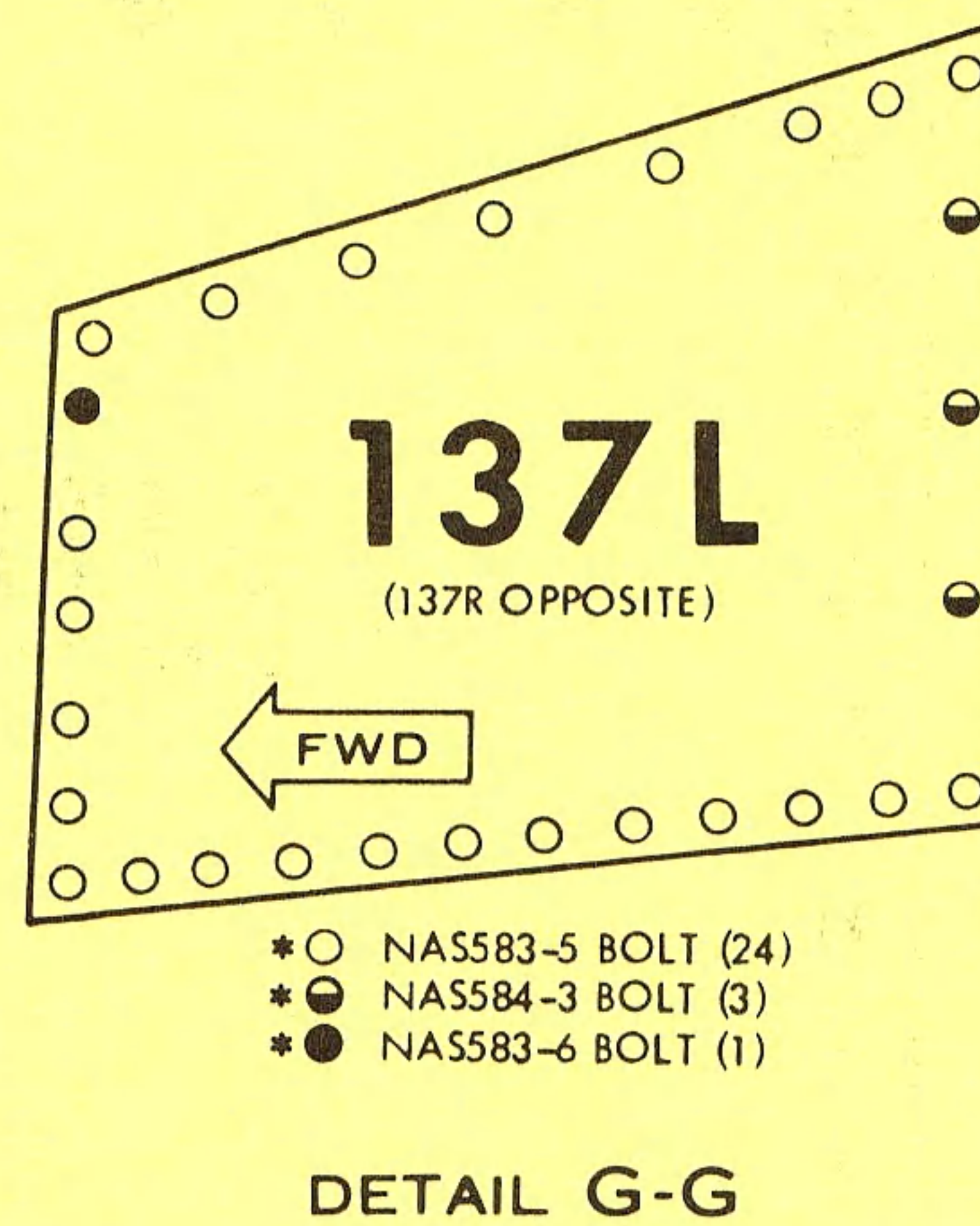
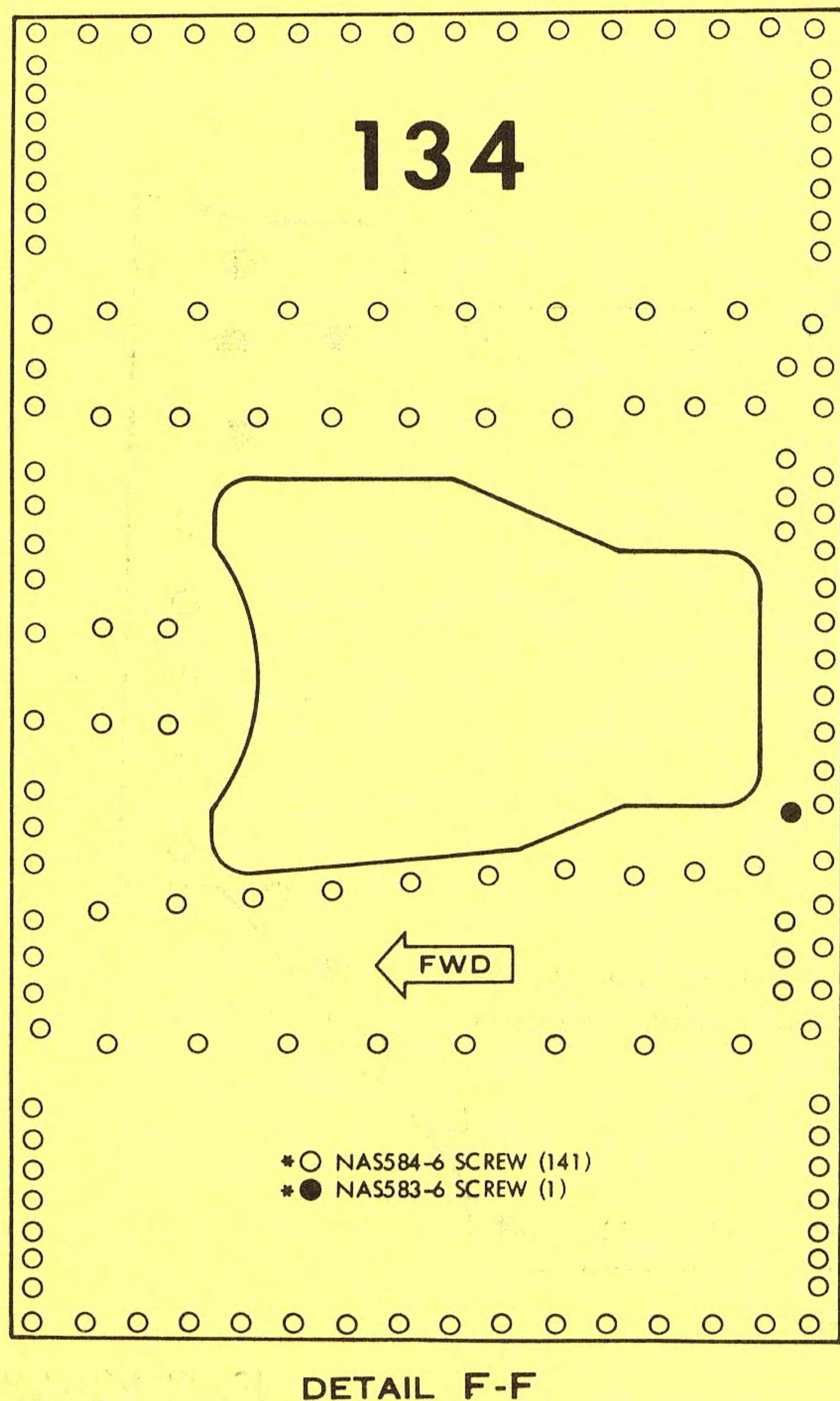
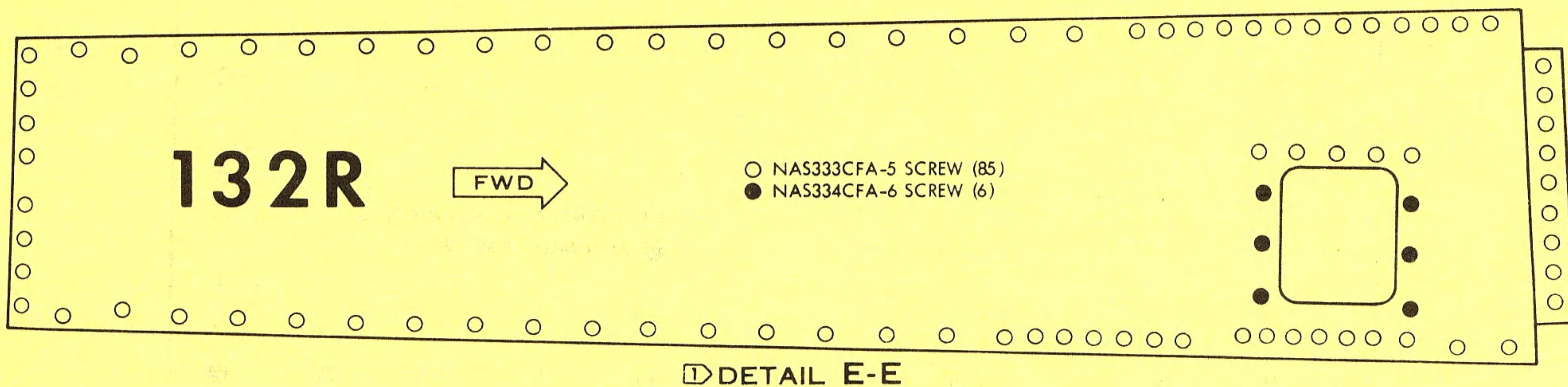
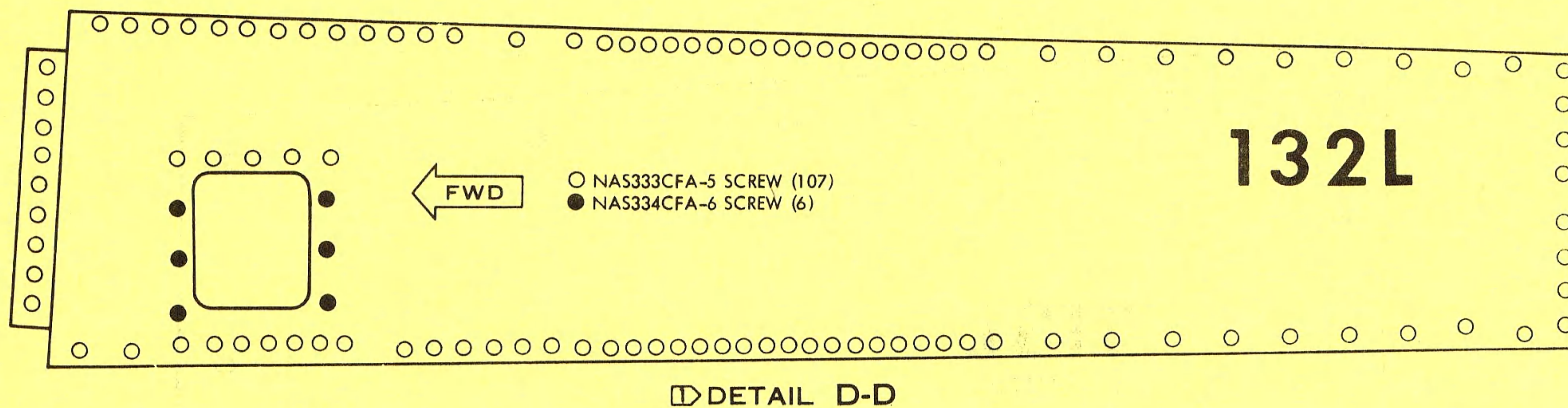
- NAS333CFA-5-5 SCREW (42)
- NAS334CFA-7 SCREW (1)

DETAIL C-C

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TDDR-50B(RF)  
VOLS 1 THRU 7

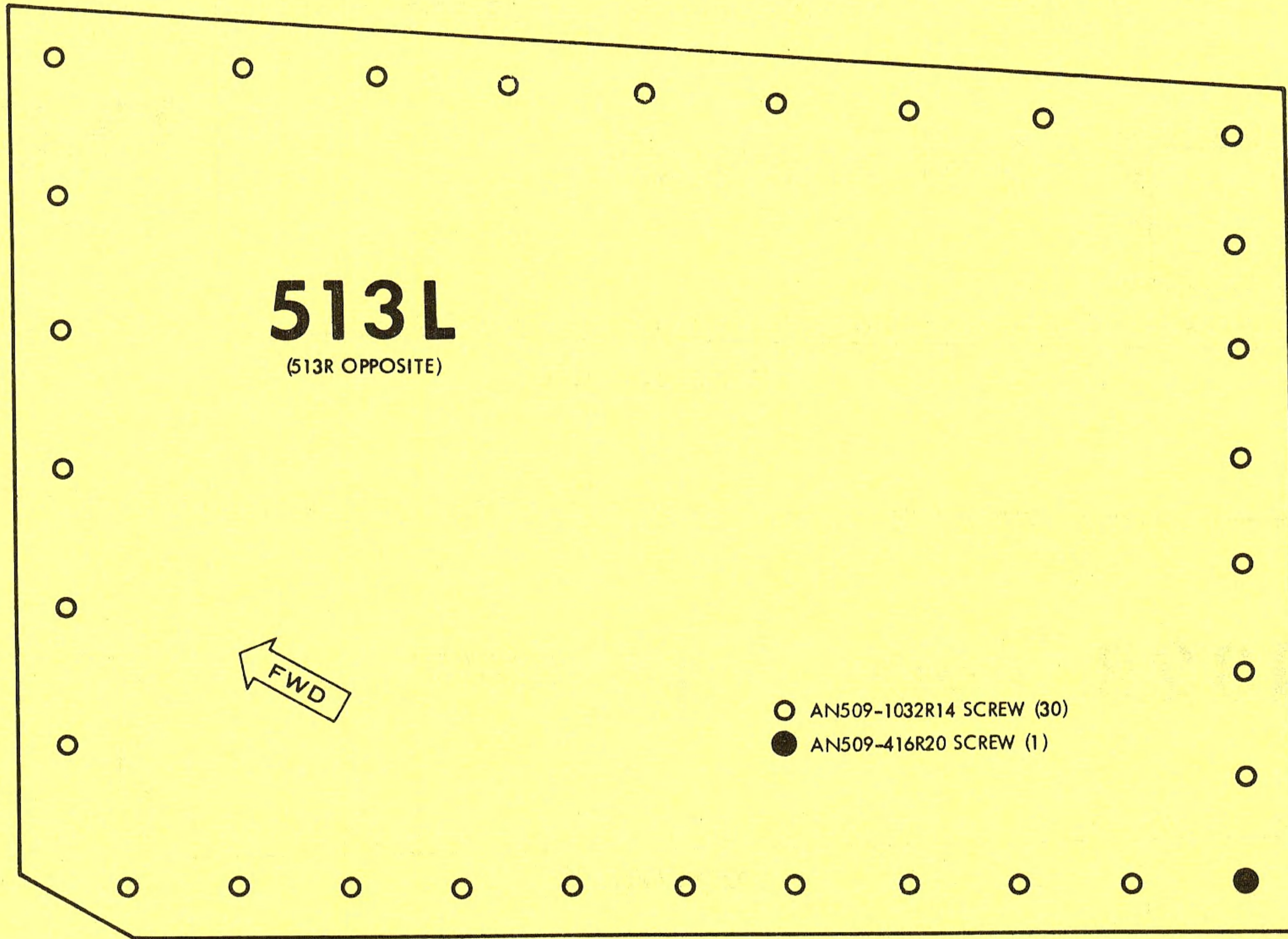


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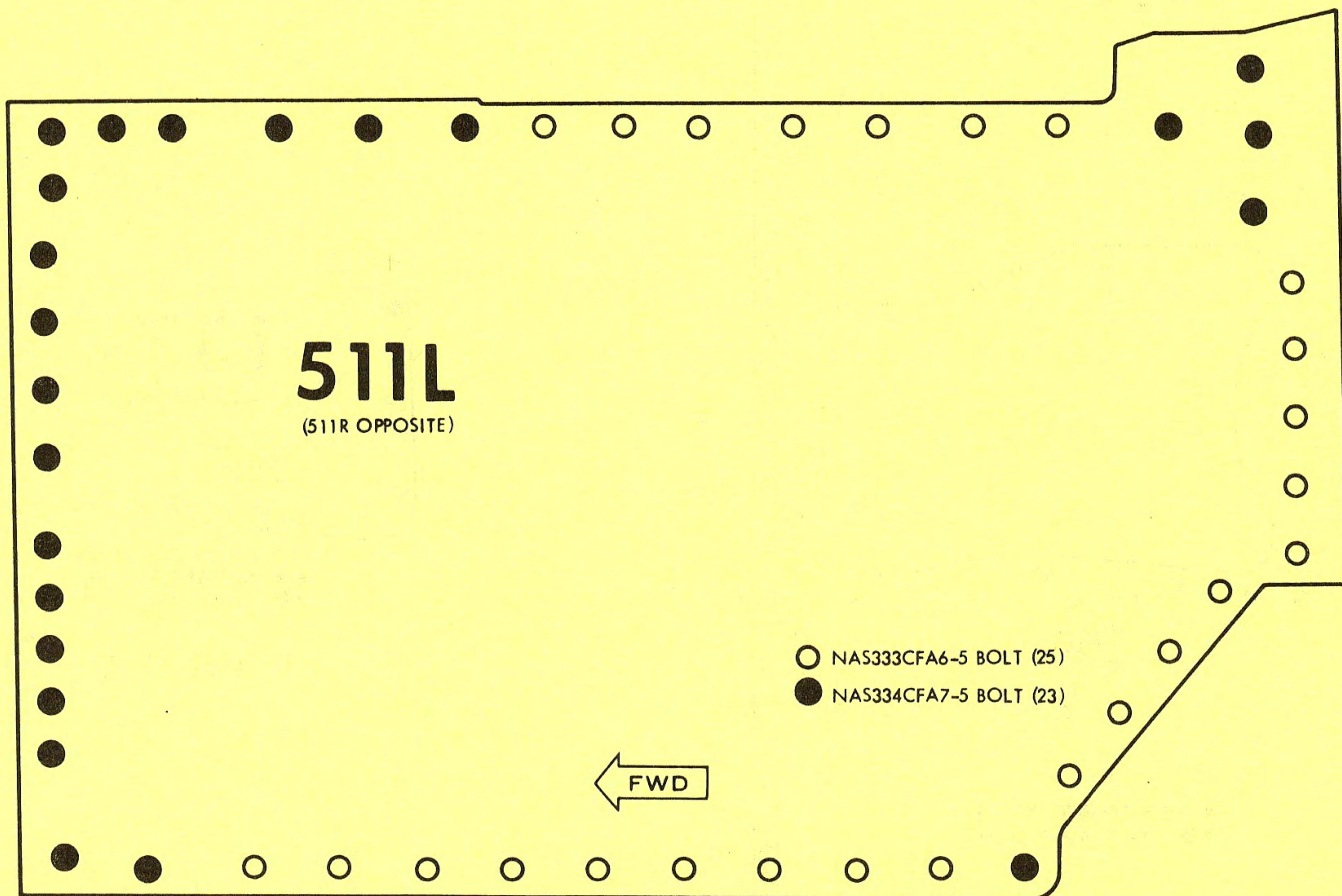
ISSUE DATE: 15 AUGUST 1964 0.1.6 (17 OF 20)  
CHANGED: 15 NOVEMBER 1965

# EXTERNAL ACCESS DOORS (RF-4C)

TDDR-50B(RF)  
VOLS 1 THRU 7



DETAIL J-J



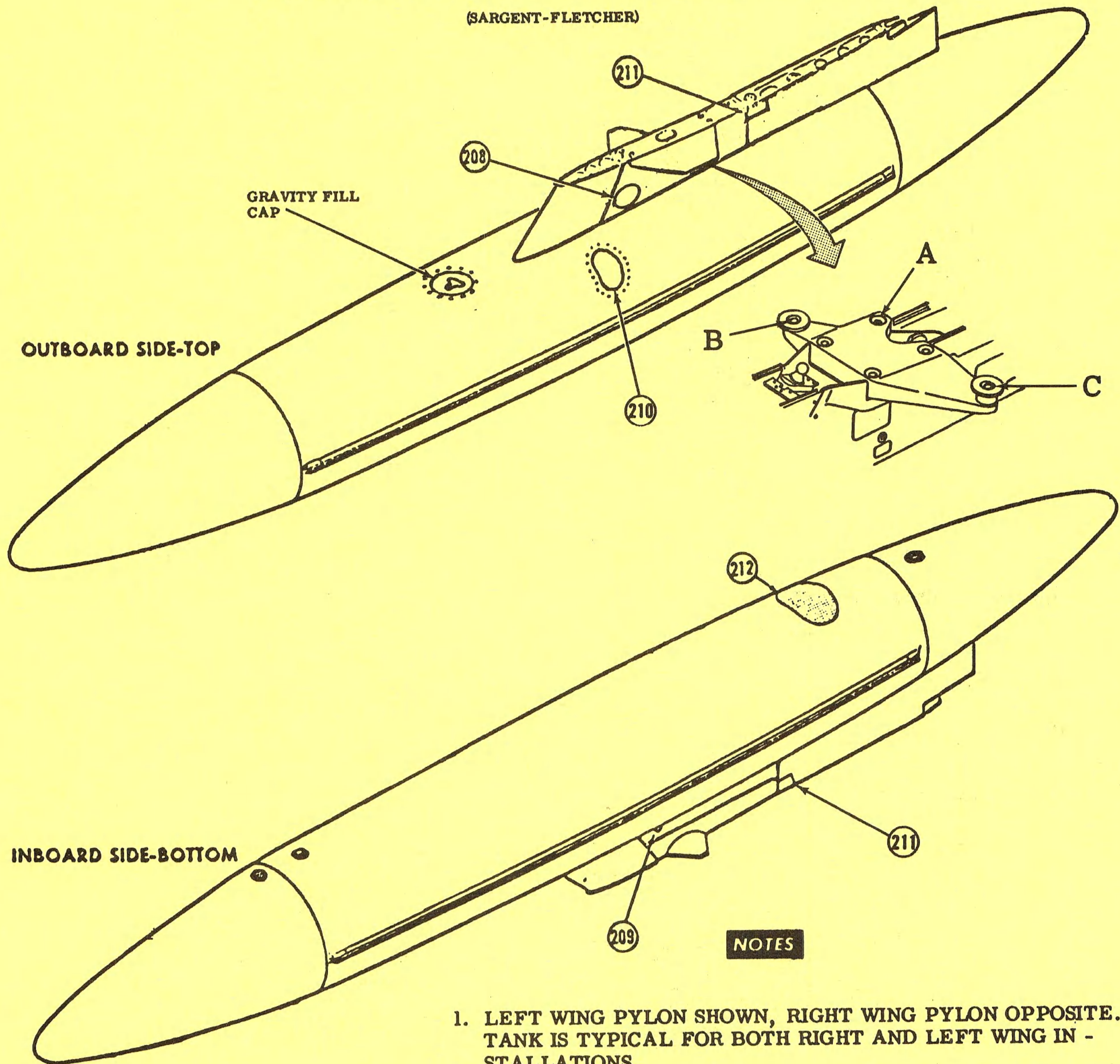
DETAIL H-H

R/TS53-482-22A

ISSUE DATE: 15 AUGUST 1964  
CHANGED: 15 NOVEMBER 1965 **0.1.6 (18 OF 20)**

EXTERNAL WING FUEL TANK AND PYLON

(SARGENT-FLETCHER)

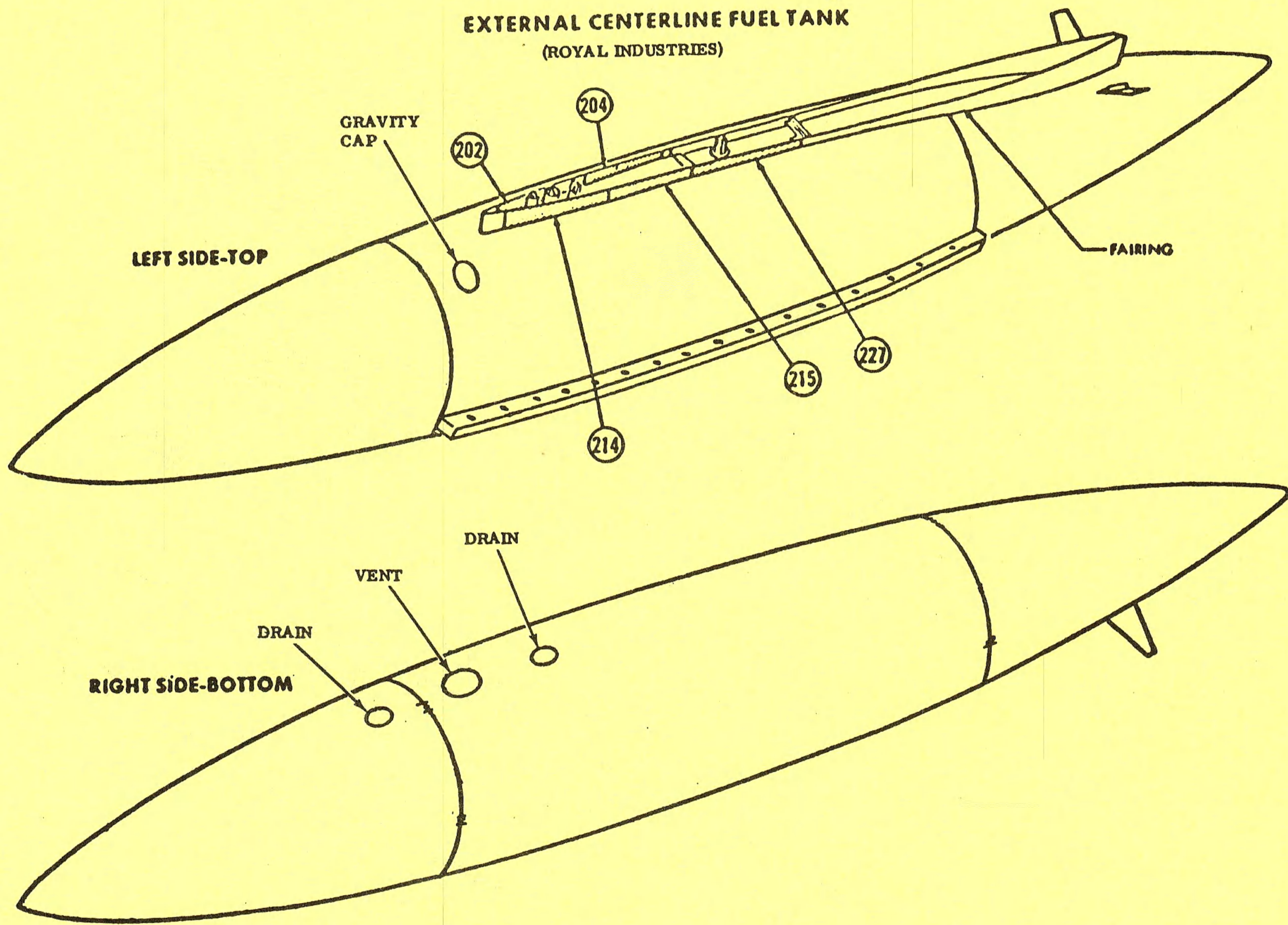


1. LEFT WING PYLON SHOWN, RIGHT WING PYLON OPPOSITE. TANK IS TYPICAL FOR BOTH RIGHT AND LEFT WING INSTALLATIONS.
2. FOR ADDITIONAL INFORMATION ABOUT SARGENT-FLETCHER TANKS, SEE T.O. 6J14-2-18.3

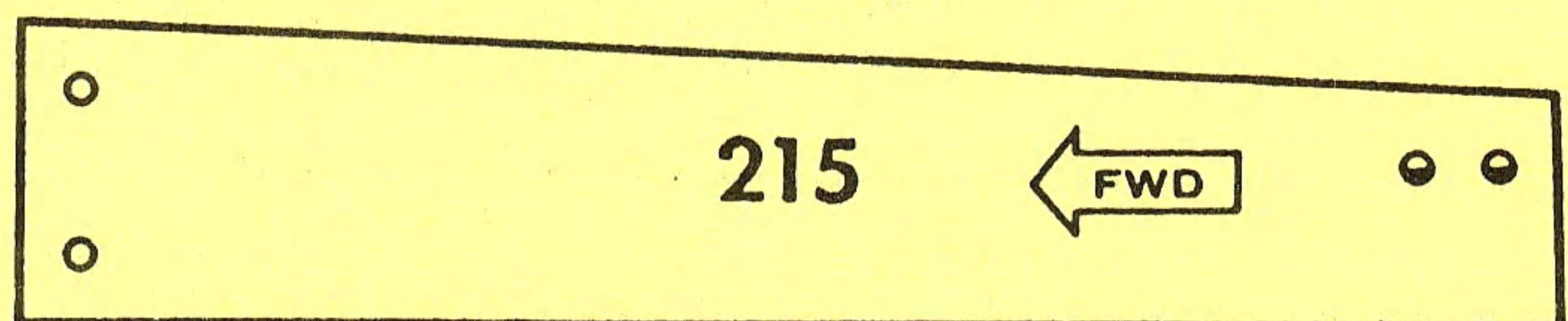
DOOR NO.	EQUIPMENT	DOOR FASTENERS
208 L & R	CARTRIDGE	AIRLOC FASTENERS (2)
209 L & R	FIRING PIN	AN509-10R9 SCREW (2)
210	PYLON MOUNT BOLTS	NAS221-10 (12)
211 L & R	ADJUSTABLE BEARING PAD	AIRLOC FASTENERS (2)
212	FUEL AND AIR DISCONNECT FITTINGS	NAS221-10 (12)
A	SWAY BRACE ATTACH BOLT	NAS340CA23 (4)
B	PAD ATTACH SCREW	AN 509-416R27
C	PAD ATTACH SCREW	AN 509-416R13

# EXTERNAL ACCESS DOORS (RF-4C)

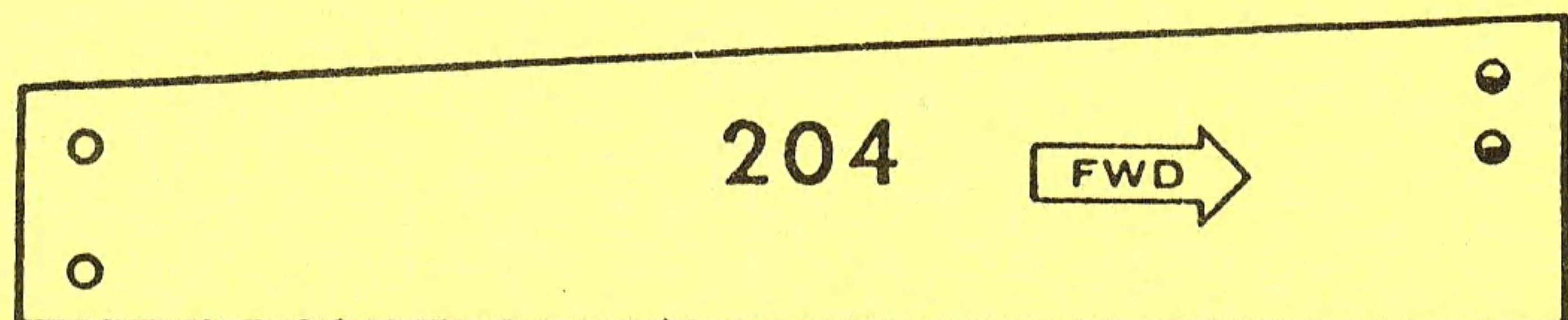
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DOOR NO.	EQUIPMENT	DOOR FASTENERS
202	FUEL, AIR, AND ELECTRICAL DISCONNECTS	AN509-10R7 SCREW (4)
204	EJECTION RACK ADJUSTMENT	SEE DETAIL
214	FUEL, AIR, AND ELECTRICAL DISCONNECTS	AN509-10R10 SCREW (4)
215	EJECTOR FOOT ADJUSTMENT	SEE DETAIL
227	AFT SUSPENSION LUG	AN509-10R6 SCREW (4)



- AN509-10R10 SCREW (2)
- AN509-10R6 SCREW (2)



- AN509-10R7 SCREW (2)
- AN509-10R8 SCREW (2)

ISSUE DATE: 1 JANUARY 1966  
 CHANGED: 1 MAY 1966

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# EXTERNAL ACCESS DOORS (F-4D)

TDDR-50.0

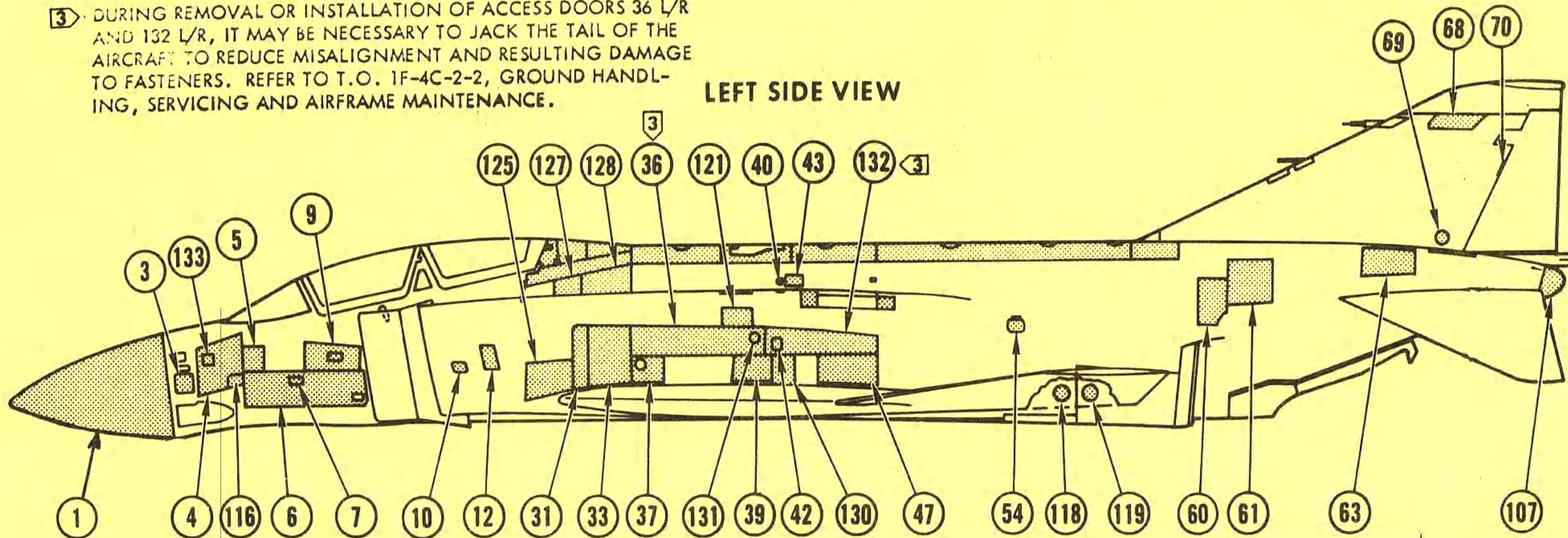
## NOTE

THE FOLLOWING SYMBOLS APPLY TO THE PAGES ON WHICH THEY ARE UTILIZED. ADDITIONAL NOTES AND SYMBOLS APPLY ONLY TO PAGE ON WHICH THEY APPEAR.

- ‡ INDICATES HINGED DOORS.
- \* USE ONLY HI-TORQUE ADAPTERS WHEN REMOVING OR INSTALLING THESE FASTENERS. REFER TO HI-TORQUE ADAPTERS.
- \*\* INDICATES DOORS WHICH SHOULD BE REPLACED BY STRESS FRAMES DURING CERTAIN MAINTENANCE OPERATIONS. REFER TO ACCESS DOOR STRESS FRAMES.
- 2. ACCESS DOORS HAVING FORM-IN-PLACE SEALS MUST BE GIVEN PRECAUTIONARY CARE TO PROTECT THE INTEGRITY OF THE SEALS. SEALS FOUND TO BE DEFECTIVE OR DAMAGED SHOULD BE REPLACED. REFER TO T.O. 1F-4C-3-1 STRUCTURAL REPAIR INSTRUCTIONS - FIELD.
- ③ DURING REMOVAL OR INSTALLATION OF ACCESS DOORS 36 L/R AND 132 L/R, IT MAY BE NECESSARY TO JACK THE TAIL OF THE AIRCRAFT TO REDUCE MISALIGNMENT AND RESULTING DAMAGE TO FASTENERS. REFER TO T.O. 1F-4C-2-2, GROUND HANDLING, SERVICING AND AIRFRAME MAINTENANCE.

## CAUTION

BEFORE FLIGHT, ALL FASTENERS ON ALL ACCESS DOORS MUST BE PROPERLY INSTALLED AND TIGHTENED. GUARD AGAINST ANY MISSING, DEFECTIVE, BROKEN, OR IMPROPERLY INSTALLED FASTENERS.



DOOR NO.	EQUIPMENT	DOOR FASTENERS
‡ 1	(a) RAIN REMOVAL NOZZLE (b) RAIN REMOVAL VALVE AND DUCTING (c) AIRCRAFT ACCELEROMETER MX-3423/ASA-32G (d) ANTENNA AS-940/APQ-72 (e) ELECTRICAL EQUIPMENT RACK MT-2846/APQ-72 (f) RADAR SET GROUP MOUNTING MT-2133/APQ-72 (g) METAL CONDUIT RACEWAY MX-4598/APQ-100 (h) ANTENNA MOUNTING MT-2131/APQ-72 (i) ELECTRICAL SYNCHRONIZER SN-336/APQ-100 (j) RADAR SET GROUP OA-1849/APQ-72 (k) CONTROL-POWER SUPPLY C-2783/APQ-72 (l) STATIC PORTS (m) STATIC LINE DRAINS (n) TARGET INTERCEPT COMPUTER CP-682/APA-157 (o) KLYSTRON TRANSMITTER T-888/APA-157 (p) EMER LANDING GEAR AIR BOTTLES (q) RAMP CONTROL AMPLIFIERS (r) EXTERNAL LIGHTS FLASHER AND FREQUENCY CONTROL BOX (s) HYDRAULIC FILTERS	32-31840-3 RADOME LOWER LOCKBOLT (2) 32-31840-5 RADOME UPPER LOCKBOLT (2)
3	(a) A/A TRANSMITTER	AN509-10R9 SCREW (18)
4	(a) FIRE CONTROL SYSTEM TEST RECEPTACLES (b) RADAR MODULATOR MD-469/APA-157	AN509-10R11 SCREW (64)
5L**	(a) DIRECTIONAL COUPLER	AN509-10R12 SCREW (42)
6L	(a) EQUIPMENT REFRIGERATION UNIT (b) POWER DIVIDER	AN509-10R13 SCREW (86)
‡ 7	(a) EMERGENCY CANOPY JETTISON HANDLE	H7200S1 LATCH (1)
9L**	(a) THROTTLE QUADRANT (b) PILOT'S ANTI-G VALVE (c) L H CONSOLE ACCESS (d) THROTTLE QUADRANT TELESCOPIC UNIT (e) RAM AIR TURBINE SELECTOR VALVE	SEE DETAIL A
10L	(a) BELLMOUTH STATIC PORT DISCONNECT	NAS333CFA5 SCREW (22)
12L	(a) BELLMOUTH PITOT PROBE AND HEATER	NAS333CFA6-5 BOLT (41)
31L	(a) LANDING GEAR HYD LINES (b) BELLMOUTH HYD LINES	AN509-10R12 SCREW (52)
33L	(a) UTILITY HYD SYSTEM ACCUMULATOR (b) BELLMOUTH CONTROLLER (c) LATERAL CONTROLS BELLCRANK (d) BELLMOUTH SYSTEM AIR FILTER	AN509-10R13 SCREW (107)
③ 36L	(a) MISC HYD LINES (b) PC I HYD SYS PRESS. SWITCHES (c) UTILITY HYD PRESS. FILTER	SEE DETAIL D
37L	(a) LATERAL CONTROLS BELLCRANK (b) MISC HYD LINES	SEE DETAIL E

DOOR NO.	EQUIPMENT	DOOR FASTENERS
39L	(a) BELLMOUTH BELLCRANK (b) LATERAL CONTROLS BELLCRANK	SEE DETAIL G
40L	(a) FWD TOP ENG MOUNT DISCONNECT	9M142-250-5 ASSY (1)
42L	(a) FWD SIDE ENG MOUNT DISCONNECT	NAS333CFA5 SCREW (3) 294346-5-8 SCREW (1)
43L**	(a) HYDRAULIC LINES	NAS333CFA5 SCREW (26)
47L	(a) LATERAL CONTROLS BELLCRANK	SEE DETAIL J
54L	(a) OUTBD UPPER TANGENTIAL ENG MOUNT BRACE	AIRLOC FASTENERS (6)
60	(a) AFT FUSELAGE COOLING AIR DUCTS (b) ARRESTING GEAR SURGE DAMPER (c) ARRESTING GEAR SELECTOR VALVE (d) ARRESTING GEAR CYLINDER	NAS333CFA5-5 SCREW (44)
61	(a) STABILATOR FEEL BELLOWS	AN509-416R13 SCREW (55)
63	(a) HYD FILTER (PC1 STAB. PWR CYL) (b) STABILATOR POWER CYLINDER (c) HYD FILTER (UTILITY SYS-RUDDER POWER SUB-SYSTEM) (d) RUDDER FEEL TRIM ACTUATOR (e) ARI SERVO ACTUATOR	SEE DETAIL M
68	(a) UHF COMMUNICATION ANTENNA (b) TAIL LIGHT TRANSFORMER	AN509-10R12 SCREW (39)
69	(a) RUDDER ACTUATOR ATTACH BOLT (b) RUDDER DAMPER ATTACH BOLT	AN509-10R10 SCREW (8)
70	(a) RUDDER ROTARY DAMPER	AN509-10R9 SCREW (3)
‡ 107	(a) DRAG CHUTE AND CONTAINER	32-33267 LATCH ASSY (1)
‡ 116	(a) FIRE CONTROL SYSTEM TEST RECEPTACLES	H7200S1 LATCH (1)
118L	(a) COAXIAL CABLE CONNECTOR	9M142-400-5 ASSY (1)
119L	(a) COAXIAL CABLE CONNECTOR	9M142-400-5 ASSY (1)
121L	(a) BYPASS BELLMOUTH ACTUATOR	NAS334CFA11 SCREW (38)
125L	(a) ELECTRICAL	AN509-10R12 SCREW (68)
127L**	(a) STRUCTURE	AN509-10R12 SCREW (46)
128L**	(a) STRUCTURE (b) LDG AND TAXI LT TRANSFORMERS (c) EMERGENCY GENERATOR LINE CONTACTOR	AN509-10R12 SCREW (75)
130L	(a) MISC HYD LINES	SEE DETAIL CC
131L	(a) HYD FILTER CONTAMINATION INDICATOR	32-32040-101 ASSY (1)
③ 132L**	(a) MISC HYD LINES	SEE DETAIL DD
133	(a) RADAR MODULATOR MD-469/APA-157 (ADJUSTMENTS, AND TEST POINTS)	AN509-10R11 SCREW (12)



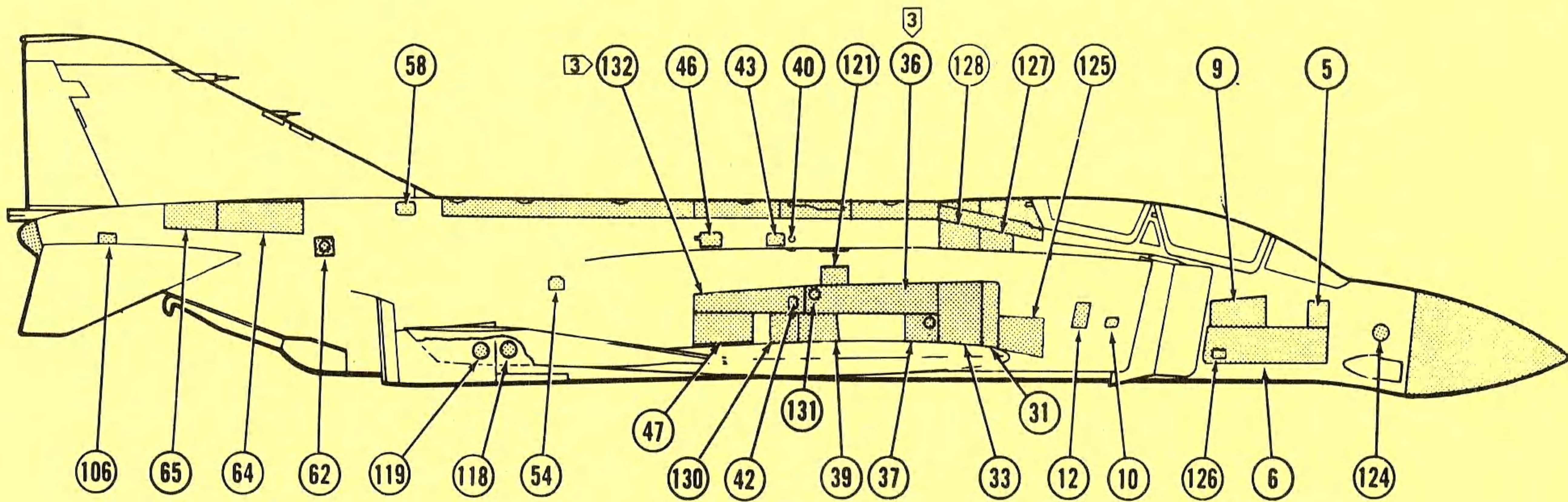
# EXTERNAL ACCESS DOORS (F-4D)

TDDR-50.0

**NOTE**

SEE SHEET 1  
FOR REFERENCE.

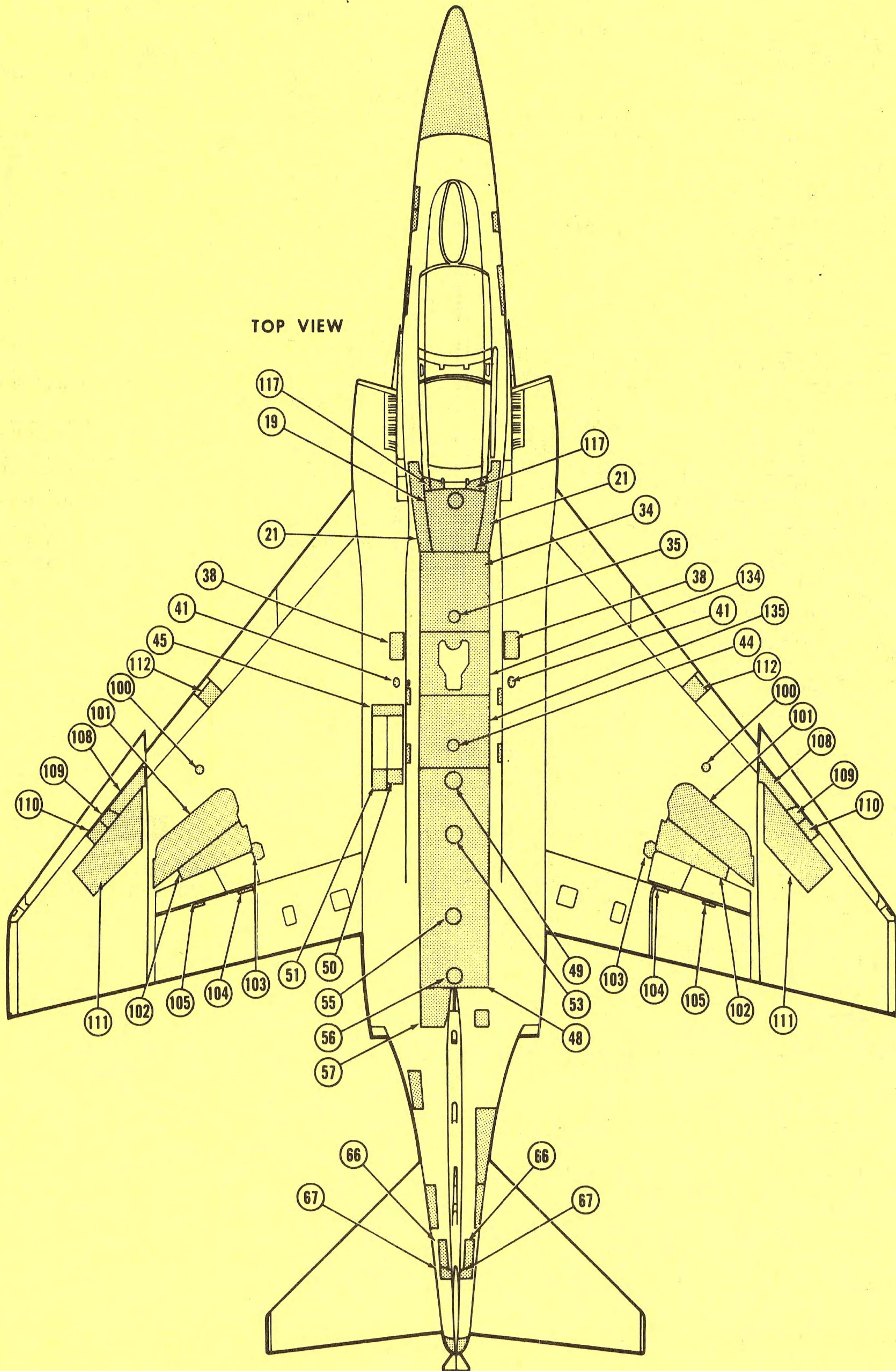
RIGHT SIDE VIEW



DOOR NO.	EQUIPMENT	DOOR FASTENERS	DOOR NO.	EQUIPMENT	DOOR FASTENERS
5R	(a) EMERGENCY VENT VALVE (b) CAUTION LIGHTS CONTROL UNIT	AN509-10R12 SCREW (42)	‡62	(a) ARRESTING GEAR HYDRAULIC OIL SERVICING AND AIR CHARGE VALVE AND PRESSURE GAGE	AIRLOC FASTENERS (2)
6R	(a) CABIN REFRIGERATION UNIT (b) POWER DIVIDER	AN509-10R13 SCREW (83)	64	(a) HYD FILTER (PC NO. 2) (b) HYD FILTER (UTILITY) (c) STAB. FEEL TRIM BALANCE ASSY. (d) DRAG CHUTE PULLEYS AND CABLES (e) ARRESTING HOOK PULLEYS AND CABLES (f) ARI CONTROL AMPLIFIER (g) STABILATOR CONTROL (h) TORQUE TUBE AND CABLES (i) STABILATOR VISCOUS DAMPER (j) STABILATOR FEEL TRIM ACTUATOR (k) STABILATOR FORCE LINK SWITCHES (l) STABILATOR FORCE LINK BELLCRANK (m) STABILATOR FORCE LINK SPRING CARTRIDGE (n) STABILATOR TRIM ACTUATOR RELAY PANEL	AN509-416R13 SCREW (84)
9R **	(a) CABIN TEMP CONTROLLER (b) CAUTION LIGHTS CONTROL UNIT (c) R H CONSOLE ACCESS	SEE DETAIL A	65	(a) RUDDER FEEL CYLINDER (b) RUDDER FEEL BELLCRANK (c) RUDDER FEEL TRIM ACTUATOR (d) RUDDER WALKING BEAM BELLCRANK (e) RUDDER FEEL SELECTOR VALVE (f) STABILATOR POWER CYLINDER	SEE DETAIL M
10R	(a) BELLMOUTH STATIC PORT DISCONNECT	NAS333CFA5 SCREW (22)	106R	(a) DRAG CHUTE MECHANISM	AIRLOC FASTENERS (4)
12R	(a) BELLMOUTH PITOT PROBE AND HEATER	NAS333CFA6-5 BOLT (41)	118R	(a) COAXIAL CABLE CONNECTOR	9M142-400-5 ASSY (1)
31R	(a) LANDING GEAR HYD LINES (b) BELLMOUTH HYD LINES	AN509-10R12 SCREW (52)	119R	(a) COAXIAL CABLE CONNECTOR	9M142-400-5 ASSY (1)
33R	(a) BELLMOUTH CONTROLLER (b) LATERAL CONTROLS BELLCRANK (c) BELLMOUTH SYSTEM AIR FILTER	AN509-10R13 SCREW (107)	121R	(a) BYPASS BELLMOUTH ACTUATOR	<b>NAS334CFA10SCREW (38)</b>
36R ③	(a) MISC HYD LINES (b) PC II HYD SYS. PRESS SWITCHES (c) UTILITY HYD PUMPS DRAIN LINE FILTERS	SEE DETAIL D	124	(a) ELECTRICAL SYSTEM AUTO TRANSFORMERS	AN509-10R10 SCREW (19) 294346-4-8 SCREW (1)
37R	(a) LATERAL CONTROLS BELLCRANK (b) MISC HYD LINES ACCESS	SEE DETAIL E	125R	(a) ELECTRICAL	AN509-10R12 SCREW (68)
39R	(a) BELLMOUTH BELLCRANK (b) LATERAL CONTROLS BELLCRANK	SEE DETAIL G	‡126	(a) RADOME TIE-DOWN CABLE	H7200S1 LATCH (1)
40R	(a) FWD TOP ENG MOUNT DISCONNECT	9M142-250-5 ASSY (1)	127R **	(a) STRUCTURE (b) ESSENTIAL LINE CONTACTOR	AN509-10R12 SCREW (46)
42R	(a) FWD SIDE ENG MOUNT DISCONNECT	NAS333CFA5 SCREW (3) 294346-5-8 SCREW (1)	‡128R **	(a) STRUCTURE	AN509-10R12 SCREW (75)
43R **	(a) HYDRAULIC LINES	NAS333CFA5 SCREW (26)	130R	(a) MISC HYD LINES	SEE DETAIL CC
46	(a) HYDRAULIC LINES (b) PITOT LINE DRAIN	SEE DETAIL H	131R	(a) HYD FILTER CONTAMINATION INDICATOR	<b>32-32040-101 ASSY (1)</b>
47R	(a) LATERAL CONTROLS BELLCRANK	SEE DETAIL K	132R ③ **	(a) MISC HYD LINES	SEE DETAIL EE
54R	(a) OUTBD UPPER TANGENTIAL ENG MOUNT DISC.	AIRLOC FASTENERS (6)			
58	(a) ELECTRICAL (b) HYDRAULICS	NAS334CFA6 SCREW (23)			

# EXTERNAL ACCESS DOORS (F-4D)

TDDR-50.0



ISSUE DATE: 1 JANUARY 1966  
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61

# EXTERNAL ACCESS DOORS (F-4D)

TDDR-50.0

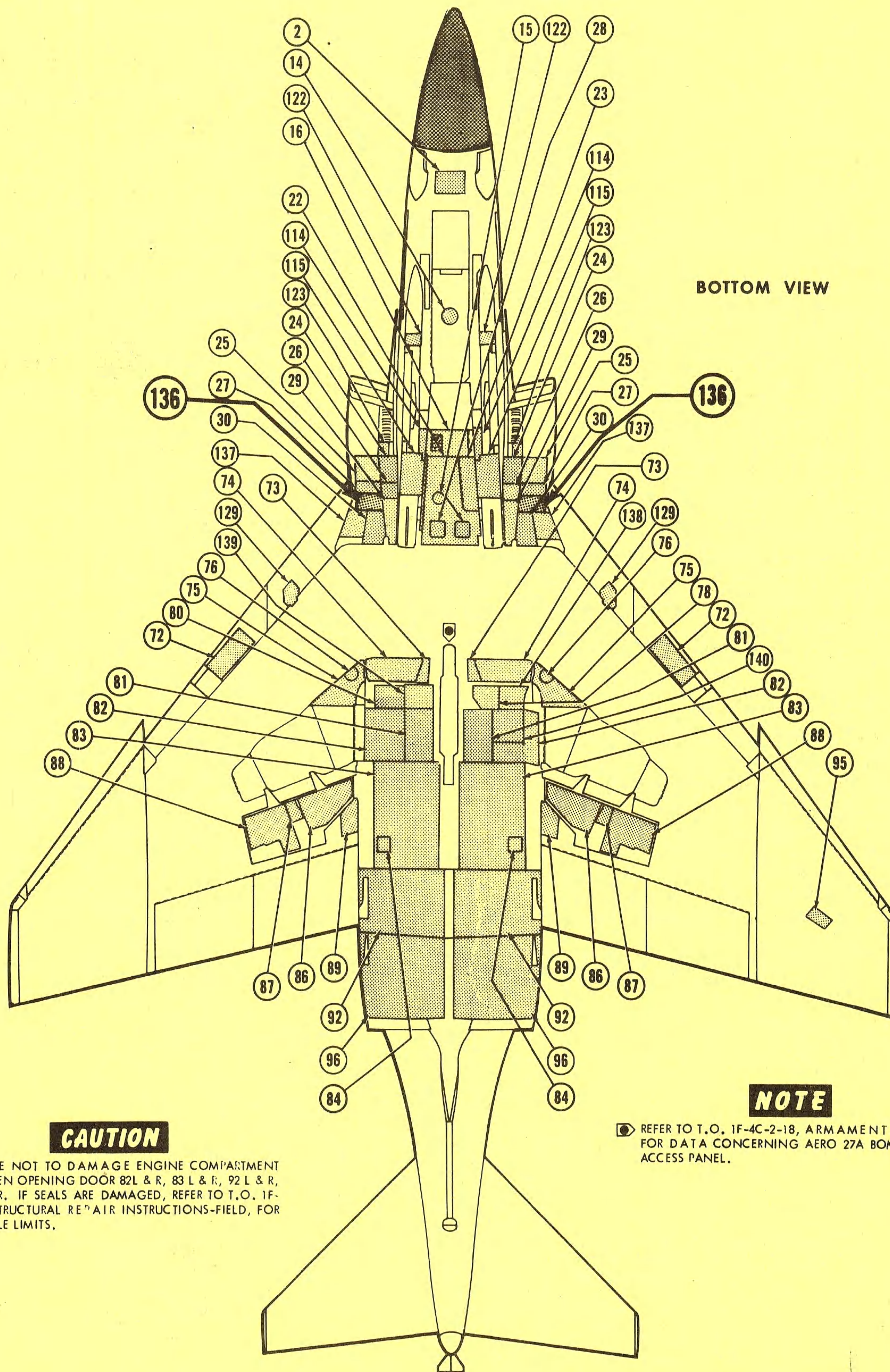
DOOR NO.	EQUIPMENT	DOOR FASTENERS	DOOR NO.	EQUIPMENT	DOOR FASTENERS
†19 **	(a) NO. 1 UPPER FUEL QUANTITY TANK UNIT (b) NO. 1 FUSELAGE FUEL CELL (c) REFUELING LEVEL CONTROL VALVE (d) TRANSFER LEVEL CONTROL VALVE (e) UPPER FUSELAGE LT TRANSFORMER (BRT AND DIM) (b) IFF ANTENNA	MONADNOK OR MILSON FASTENERS (43)	101 (cont)	(j) INBOARD AND OUTBOARD SPOILER ACTUATORS (l) WING FOLD SELECTOR VALVE (m) WING FOLD PIN PULL SELECTOR VALVE	
**21 L & R	(a) STABILATOR AND RUDDER CONTROL BELL-CRANK (b) (R) FLAP AIRSPEED BLOW-UP SWITCH (c) (R) RUDDER AIRSPEED SWITCH (d) (R) EMERGENCY GENERATOR AIRSPEED SWITCH	AN509-10R13 SCREW (117)	**102 L & R	(a) SPOILER ACTUATOR (b) AILERON DAMPER (c) AILERON ACTUATOR	SEE DETAIL W
**34	(a) STABILATOR AND RUDDER CONTROL CABLES (b) NO. 2 FUSELAGE FUEL TANK (c) AIR REFUELING SELECTOR VALVE (d) ELECTRIC TRANSFER PUMP PRESS. SWITCH (e) TRANSFER LEVEL CONTROL VALVE (f) REFUELING LEVEL CONTROL VALVE (g) DRAG CHUTE TURNBUCKLE	SEE DETAIL C	103 L & R	(a) SPOILER HINGE PIN REMOVAL ACCESS	*NAS584-10 SCREW (19)
35	(a) NO. 2 FUEL QUANTITY TANK UNIT	NAS584-BOLT (16) 3M213-4-4 SCREW (1)	†104 L & R	(a) AILERON ACTUATOR	AN509-10R10 SCREW (6)
38 L & R	(a) BELLMOUTH BELLCRANK	SEE DETAIL F	105 L & R	(a) AILERON VISCOUS DAMPER (b) AILERON ACTUATOR	AN509-10R8 SCREW (6)
41 L & R	(a) FWD TOP ENG MOUNT INSPECTION	9M142-350-5 ASSY (1)	**108 L & R	(a) BOUNDARY LAYER CONTROL DUCTING	SEE DETAIL X
44	(a) NO. 3 FUEL QUANTITY TANK UNIT	NAS584-4 BOLT (16) 3M213-4-4 SCREW (1)	**109 L & R	(a) OUTER WING LEADING EDGE FLAP BELL-CRANK AND LINKAGE (b) ATTACH POINT, BELLCRANK TO LEADING EDGE FLAP	SEE DETAIL Y
**45	(a) EMERGENCY HYDRAULIC PRESSURE REGULATOR (b) RAM AIR TURBINE DOOR MECHANISM AND SEQUENCE VALVE	NAS333CFA5 SCREW (61)	**110 L & R	(a) OUTBOARD LEADING EDGE FLAP SHUTTLE VALVE	SEE DETAIL Z
**48	(a) STABILATOR AND RUDDER CONTROL CABLES (b) NO. 4 FUSELAGE FUEL TANK (c) NO. 5 FUSELAGE FUEL TANK (d) NO. 6 FUSELAGE FUEL TANK (e) HYD. OPERATED FUEL TRANSFER PUMPS (f) ELEC. OPERATED FUEL TRANSFER PUMPS (g) HYDRAULIC TRANSFER PUMP PRESS. SWITCHES (h) FUSELAGE FUEL TANKS PRESS. REGULATOR (i) REFUELING LEVEL CONTROL VALVE (j) AIR FLOW REGULATOR (k) FUSELAGE FUEL TANKS PRESS. VACUUM RELIEF VALVE	NAS334CFA5-5 SCREW (268)	**111 L & R	(a) OUTER WING LEADING EDGE FLAP ACTUATOR (b) BOUNDARY LAYER CONTROL DUCTING	SEE DETAIL AA
49	(a) FUEL TRANS PUMPS HYD SELECTOR VALVE	NAS334CFA-5 SCREW (17) 29437-5-8 SCREW (1)	**112 L & R	(a) FLAP ACTUATOR AND FLAP MECHANISM	SEE DETAIL BB
**50	(a) RAM AIR TURBINE ACTUATOR	NAS333CFA5 SCREW (18) 294346-5-8 SCREW (1)	†117 L & R	(a) AFT CANOPY HINGE BOLTS	AN509-10R13 SCREW (26)
**51	(a) RAM AIR TURBINE EMERGENCY GENERATOR (b) RAM AIR TURBINE ACTUATOR	NAS333CFA5 SCREW (37)	134	(a) NO. 2 FUSELAGE FUEL TANK (b) AIR REFUELING EQUIPMENT	SEE DETAIL FF
53	(a) NO. 4 FUEL QUANTITY TANK UNIT	NAS334CFA5-5 SCREW (17) 294347-5-8 SCREW (1)	135	(a) NO. 3 FUSELAGE FUEL TANK	*NAS584-5 BOLT (191)
55	(a) NO. 5 FUEL QUANTITY TANK UNIT	NAS334CFA5-5 SCREW (17) 294347-5-8 SCREW (1)			
56	(a) NO. 6 FUEL QUANTITY TANK UNIT	NAS334CFA5-5 SCREW (17) 294347-5-8 SCREW (1)			
**57	(a) FUSELAGE FUEL TANKS PRESS. VACUUM RELIEF VALVE (b) ELECTRIC FUEL TRANSFER PUMP	SEE DETAIL L			
66 L & R	(a) (R) RUDDER DAMPER (b) (L) RUDDER ACTUATOR (c) ARI HYDRAULIC SERVO	SEE DETAIL N			
67 L & R	(a) (R) RUDDER DAMPER (b) (L) RUDDER ACTUATOR (c) RUDDER COUNTERBALANCE WEIGHT (d) RUDDER POSITION TRANSMITTER	SEE DETAIL P			
100 L & R	(a) OUTBOARD WING PYLON ATTACH MECHANISM	AN509-416R19 SCREW (1)			
**101 L & R	(a) LATERAL CONTROLS LINKAGE (b) WING FUEL QUANTITY TANK UNIT (OUTBOARD) (c) WING TANK TRANSFER-LOW LEVEL SHUT-OFF VALVE (d) WING TANK FUEL DUMP VALVE (e) EXTERNAL WING TANK FUEL SHUTOFF VALVE (f) EXTERNAL WING TANK FUEL DISCONNECT (g) EXTERNAL WING TANK PRESS. REGULATOR (h) EXTERNAL WING TANK PRESS. VACUUM RELIEF VALVE (i) EXTERNAL WING TANK AIR DISCONNECT	SEE DETAIL V			

**NOTE**

SEE SHEET 1  
FOR REFERENCE

# EXTERNAL ACCESS DOORS (F-4D)

TDDR-50.0



### CAUTION

TAKE CARE NOT TO DAMAGE ENGINE COMPARTMENT SEALS WHEN OPENING DOOR 82L & R, 83 L & R, 92 L & R, OR 96 L & R. IF SEALS ARE DAMAGED, REFER TO T.O. 1F-4C-3-1, STRUCTURAL REPAIR INSTRUCTIONS-FIELD, FOR ALLOWABLE LIMITS.

### NOTE

REFER TO T.O. 1F-4C-2-18, ARMAMENT SYSTEMS FOR DATA CONCERNING AERO 27A BOMB RACK ACCESS PANEL.

ISSUE DATE: 1 JANUARY 1966  
CHANGED: 1 MAY 1966

0.1.6 (5 OF 21)

# EXTERNAL ACCESS DOORS (F-4D)

TDDR-50.0

DOOR NO.	EQUIPMENT	DOOR FASTENERS
2	(a) UHF - ADF ANTENNA	AN509-10R12 SCREW (43)
14	(a) TACAN ANTENNA	AN507B832R8 SCREW (24)
15	(a) HYD RESERVOIR FLUID LEVEL INDICATOR (UTILITY)	9M142-400-5 ASSY. (1)
† 16 **	(a) AIR BOTTLES (CANOPIES EMERG ) (b) PRESS. GAGES (CANOPIES EMERG ) (c) LIQUID OXYGEN FILL BUILD-UP AND VENT VALVE (d) PITOT STATIC DRAIN AND TEST FIT-FITTINGS (f) LIQUID OXYGEN CONVERTER (g) CADC FILTER AND WATER TRAP	AIRLOC FASTENERS (17)
† 22	(a) HYD SOLENOID-OPERATED SELECTOR VALVES MANIFOLD (b) HYD RESERVOIR (UTILITY) (c) AIR COMPRESSOR (HIGH PRESS. PNEUMATIC SYSTEM) (d) PRESS. TRANSMITTER (HIGH PRESS. PNEUMATIC SYSTEM) (e) CHEMICAL DRIERS (HIGH PRESS. PNEUMATIC AND ELECTRONIC EQUIP PRESSURIZATION SYSTEMS) (f) MOISTURE SEPARATOR (HIGH PRESS. PNEUMATIC SYSTEM) (g) NO. 1 FUSELAGE FUEL TANK (h) FUSELAGE TANK UNIT NO. 1 (LOWER) (i) FUEL BOOST PUMPS (j) L & R ENGINE SHUT-OFF VALVES (k) L & R WING TANK PRESS. REGULATOR (l) L & R WING TANK PRESS. VACUUM RELIEF VALVE (m) REFUELING SHUT-OFF VALVE (n) DEFUELING SHUT-OFF VALVE (o) EXTERNAL CENTERLINE TANK PRESS. REGULATOR (p) EXTERNAL CENTERLINE TANK FUEL FLOW SWITCHES (q) EXTERNAL CENTERLINE TANK SHUT-OFF VALVE (r) L & R WING FUEL LEVEL CONTROL VALVE (s) HYDRAULIC/FUEL RADIATORS (t) AIR FILTER (PNEUMATIC SYSTEM AIR COMPRESSOR AND ELECTRONIC EQUIP PRESS. SYSTEM) (u) NO. 1 AND 2 FUSELAGE CELL DRAINS (v) ABSOLUTE PRESS. REGULATORS (PNEUMATIC SYSTEM AIR COMPRESSOR AND ELECTRONIC EQUIP PRESS SYSTEM) (w) RELIEF VALVE, ELECTRONIC EQUIP PRESS. SYSTEM (x) MAIN FUEL ELBOW DRAINS	SEE DETAIL B
† 23	(a) UTILITY HYD SYSTEM ACCUMULATOR, GROUND AIR CHARGE VALVE, AND PRESS GAGE (b) UTILITY HYD SYSTEM EXTERNAL POWER RECEPTACLES (PRESS., RETURN, AND RESERVOIR FILLER) (c) FUEL TANKS EXTERNAL AIR CONNECTION (d) UTILITY SYSTEM RELIEF VALVE MANIFOLD	AIRLOC FASTENERS (13)
24 L & R	(a) (L) EMERG L G PRESS. OPERATED DUMP VALVE (b) (R) UTILITY HYD SYSTEM PRESS. TRANSMITTER, FUSE, AND SNUBBER (c) (R) LOWER FUS LT TRANSFORMER (BRIGHT) (d) (L) EXT POWER TRANSFORMER RECTIFIER	AN509-10R13 SCREW (33)
25 L & R	(a) (R) LOWER FUS LT TRANSFORMER (DIM) (b) LOWER FUS LT TRANSFORMERS	AN509-10R15 SCREW (43)
† 26 L & R	(a) (L) EXT ELECT POWER RECEPTACLE (b) (R) EXTERNAL REFUELING ADAPTER (c) WING	AIRLOC FASTENERS (7)
27 L & R	(a) RECEIVING ANTENNA AS-1386/APN-155 (LEFT) (b) TRANSMITTING ANTENNA AS-1442/APN-155 (RIGHT)	NAS1221-3-6 SCREW (21)

DOOR NO.	EQUIPMENT	DOOR FASTENERS
† 28 L & R	(a) (R) HIGH PRESS. PNEUMATIC SYSTEM GROUND AIR CHARGE VALVE AND PRESS. GAGE (b) (L) HIGH PRESS. PNEUMATIC SYSTEM AIR COMPRESSOR OIL LEVEL SIGHT GAGE	AIRLOCK FASTENERS (10)
29 L & R	(a) FWD MISSILE CAVITY AFT DOOR LINKAGE	AN509-10R15 SCREW (41)
30 L & R	(a) (R) AIR BOTTLE (NORMAL CANOPY OPERATION) (b) LEADING EDGE BLC SHUTOFF VALVE (c) (L) EMERGENCY FLAP AIR BOTTLE	AN509-10R14 SCREW (37)
** 72 L & R	(a) L E FLAP ACTUATOR	SEE DETAIL H-H
73 L & R	(a) FWD ENG DISCONNECTS 1. HYD LINES 2. DRAIN LINES 3. SPAR SPLICE BOLTS (b) (L) EXTERNAL STORES AIR AND FUEL LINE (c) (R) STORE PULL ROD FITTING AND FUEL LINE (d) (R) FWD EXT STORES SWAY BRACE (e) (R) BOMB RACK SUPPORT PIN LOCK RING (f) (L) SPECIAL STORES WIRING ACCESS (g) (R) FWD MISSILE REAR SIGNAL HORN (h) HYDRAULIC PUMP (i) TRANSFER GEARBOX SCAVENGE PUMP (j) (R) SIGNAL HORN (k) CIT SENSOR COIL (l) FUEL BOOST PUMP PRESSURE TRANSMITTER	AIRLOC FASTENERS (8)
† 74 L & R **	(a) EXTERNAL TANK FUEL FLOW SWITCHES (b) WING FUEL TRANS LOW LEVEL VALVE (c) FWD 30" BOMB RACK HOOK SEAR (d) FWD ENGINE DISCONNECTS 1. HYD LINES 2. DRAIN LINES 3. SPAR SPLICE BOLTS 4. HYD PUMPS (e) (L) EXTERNAL STORES AIR AND FUEL LINE QUICK DISCONNECTS (f) (R) STORE AND FUEL LINE (g) (R) EXT STORES FWD SWAY BRACE (h) (R) BOMB RACK SUPPORT PIN LOCK RING (i) (L) SPECIAL STORES WIRING ACCESS (j) (R) EXTERNAL CENTERLINE TANK PRESS. VACUUM RELIEF VALVE (k) HYDRAULIC PUMP (l) TRANSFER GEARBOX SCAVENGE PUMP (m) (R) DIRECTIONAL COUPLER (n) POWER DIVIDERS (o) CIT SENSOR COIL (p) FUEL BOOST PUMP PRESSURE TRANSMITTER (q) UTILITY HYDRAULIC SYSTEM PRESSURE SWITCH	AIRLOC FASTENERS (19)
† 75 L & R	(a) (L) HYD FILTER (PC I RETURN) (b) (R) HYD FILTER (PC II RETURN) (c) (L) PC I SYSTEM ACCUMULATOR AND RESERVOIR IN-LINE RELIEF VALVE (d) (R) PC II SYSTEM ACCUMULATOR (e) (L) PC I RESERVOIR (f) (R) PC II RESERVOIR (g) SIGNAL HORN (h) INTERMEDIATE FUEL QUANTITY UNIT (i) WING TANK UNIT (INTERMEDIATE)	AIRLOC FASTENERS (12)
† 76 L & R	(a) HYD RESERVOIR FLUID LEVEL INDICATOR (PC I LEFT AND PC II RIGHT)	AIRLOC FASTENERS (3)

**NOTE**

SEE SHEET 1  
FOR REFERENCE

# EXTERNAL ACCESS DOORS (F-4D)

TDDR-50.0

DOOR NO.	EQUIPMENT	DOOR FASTENERS	DOOR NO.	EQUIPMENT	DOOR FASTENERS
‡78	(a) FWD ENGINE DISCONNECTS 1. HYD LINES 2. DRAIN LINES 3. HYDRAULIC PUMP (b) TACHOMETER GENERATOR (c) FWD 14" BOMB RACK HOOK SEAR (d) FWD 30" BOMB RACK HOOK SEAR (e) FWD EXTERNAL STORES SWAY BRACE (f) BOMB RACK SUPPORT PINS (L) (g) MAIN FUEL PUMP (h) LOW PRESSURE FUEL FILTER (i) STARTER EXHAUST DUCT (j) FUEL BOOST PUMP PRESSURE TRANSMITTER	AIRLOC FASTENERS (13)	83 (CONT)	(e) OIL SYSTEM NOZZLE PUMP (f) CIT SENSOR COIL (g) REAR GEAR BOX SCAVENGE OIL PUMP (h) COMPRESSOR LEAKAGE AIR DUCT (i) ENGINE MAIN OIL PUMP (j) HYDRAULIC PUMP AND FILTER (k) ENGINE SUMP PRESSURIZING VALVE (l) OIL SYSTEM NOZZLE HYDRAULIC FILTERS (m) ENGINE SCAVENGE OIL FILTER (n) ENGINE MAIN (IGNITOR) PLUGS (o) ENGINE OIL PRESSURE TRANSMITTER (p) ENGINE FUEL FLOW TRANSMITTER (q) LATERAL CONTROL FEEL TRIM MOTOR (L) (r) VARIABLE STATOR ACTUATOR (s) A B FUEL PRESSURIZING VALVE (t) MAIN FUEL PRESSURIZING AND DRAIN VALVE (u) MAIN IGNITION UNIT NO. 1 AND NO. 2 (v) AFTERBURNER OIL FILTER	<b>NOTE</b> (16) AIR LOC FASTENERS ARE LOCATED BEHIND THE AFT MISSILE RACK. REFER TO T.O. 1F-4C-2-18, ARMAMENT SYSTEMS, FOR MISSILE RACK REMOVAL AND INSTALLATION.
‡80	(a) TACHOMETER GENERATOR (b) STARTER EXHAUST DUCT	AIRLOC FASTENERS (14)	‡84 L & R	(a) AERO 7A LAUNCHER 1. LAUNCHER CARTRIDGE 2. LAUNCHER SAFETY PIN 3. LAUNCHER MANUAL RELEASE 4. SEAR INDICATOR 5. STRAY VOLTAGE TEST POINTS 6. UMBILICAL PLUG	AIRLOC FASTENERS (5)
‡81L	(a) ENGINE OIL SERVICING (b) A B FUEL CONTROL (c) ENGINE MAIN FUEL CONTROL (d) INLET FUEL MANIFOLD (e) ENGINE MAIN FUEL PUMP (f) FUEL BYPASS VALVE (g) LOW PRESSURE FUEL FILTER (h) ENGINE FUEL FLOW TRANSMITTER (i) AUXILIARY AIR DOOR ACTUATOR (j) TEMP. AMPLIFIER (k) AUXILIARY AIRDOORS SELECTOR VALVE (l) CONTROL ALTERNATOR (m) AFT 30" RACK HOOK SEAR (n) INTERMEDIATE BEARING HOUSING (o) EXTERNAL STORES ELECTRICAL (p) ENGINE MAIN FUEL FILTER (q) BYPASS INDICATOR SWITCH (r) BOMB RACK MANUAL RELEASE (s) EXTERNAL STORES BOMB RACK BREECH (t) CARTRIDGE/PNEUMATIC STARTER (u) EXTERNAL STORES AFT SWAY BRACE (v) CSD AND ENGINE SCAVENGE OIL FILTERS	HYDRAULICALLY ACTUATED DOOR (NO FASTENERS REQUIRED)	86 L & R	(a) HYD FILTER (UTILITY SYSTEM) (b) LATERAL SERIES SERVO ACTUATOR (c) ACCUMULATOR RESERVOIR PC 1 (L) (d) HYD SELECTOR VALVE (TE FLAPS) (L) (e) WALKING BEAM BELLCRANK (f) HYDRAULIC FLOW DIVIDER (TE FLAPS) (L) (g) RESISTORS - FLAP (h) SPRING CARTRIDGE AND SCREW-JACK ACTUATOR (i)AILERON POSITION TRANSDUCER	SEE DETAIL S
‡81R	(a) ENGINE ELECTRICAL DISCONNECT (b) INLET FUEL MANIFOLD (c) ENGINE OIL SERVICING (d) CONTROL ALTERNATOR (e) ENGINE MAIN FUEL CONTROL (f) INTERMEDIATE BEARING HOUSING (g) ENGINE MAIN FUEL FILTER (h) BYPASS INDICATOR SWITCH (i) AUXILIARY AIR DOOR ACTUATOR (j) BOMB RACK MANUAL RELEASE (k) CARTRIDGE/PNEUMATIC STARTER (l) BOMB RACK SAFETY PIN (m) EXTERNAL STORES AFT SWAY BRACE (n) CSD AND ENGINE SCAVENGE OIL FILTERS (o) A B FUEL FILTER, PUMP AND CONTROL (p) ENGINE TORQUE BOOSTER (q) A B IGNITION SWITCH (r) R.H. STARTER CARTRIDGE BREECH	HYDRAULICALLY ACTUATED DOOR (NO FASTENERS REQUIRED)	87 L & R	(a) HYDRAULIC LINES	SEE DETAIL T
‡82 L & R	(a) STARTOR VANE ACTUATOR (R) (b) CARTRIDGE/PNEUMATIC STARTER (c) INLET FUEL MANIFOLD (d) ENGINE ELECTRICAL DISCONNECTS (L) (e) FUEL BYPASS VALVE (R) (f) AUXILIARY AIR DOOR ACTUATOR (g) LOW PRESSURE FUEL FILTERS (R) (h) CONTROL ALTERNATOR (i) ENGINE OIL SERVICING (j) INTERMEDIATE BEARING HOUSING (k) ENGINE MAIN FUEL PUMP (R) (l) A B IGNITION SWITCH (L) (m) TEMP AMPLIFIER (n) A B FUEL PUMP AND FILTER(L) (o) ENGINE MAIN FUEL FILTER (p) A B FUEL CONTROL (q) ENGINE MAIN FUEL CONTROL (r) ENGINE TORQUE BOOSTER	SEE DETAILS Q (LEFT) AND R (RIGHT)	88 L & R	(a) HYD FILTERS (2) (PC I) (b) HYD FILTERS (2) (PC II) (c) FLAP ACTUATOR (TE ) (d) SHUTTLE VALVES (2) (e) SPOILER SERVO VALVE	SEE DETAIL U
‡83 L & R	(a) ENGINE MAIN FUEL CONTROL (b) MAIN OIL COOLER (c) ENGINE NOZZLE AREA CONTROL (d) FUEL NOZZLES	AIRLOC FASTENER (28)	89 L & R	(a) ELECTRONICS ACCESS (b) PITCH RATE GYRO CN560/ASA-32 (L) (c) YAW RATE GYRO CN559/ASA-32 (R) (d) TRIM CUTOUT ACCELEROMETER MX-3422/ASA-32 (L) (e) AIRCRAFT ACCELEROMETER MX-2911 /AJB-3A (L) (f) CHECK VALVE (R) (g) DUMP VALVE (R) (h) TE FLAP 1/2 DOWN LIMIT SWITCH (i) TE FLAP DOWN LIMIT SWITCH (j) TE BLC VALVE LIMIT SWITCH (k) TE BLC VALVE CONTROL LINKAGE	*NAS584-6 SCREW (41)
			‡92 L & R	(a) EXTERNAL STORES FIN RESTRAINT (b) AFT MAIN ENGINE MOUNT (c) LOWER TANGENTIAL ENGINE MOUNT (d) HYDRAULIC PUMP DRAIN (e) ENGINE AFTERBURNER SPARK PLUG (f) ENGINE TORCH IGNITOR (g) TURBINE FRAM DRAIN (h) ACCESSORY DRAIN TUBE AND HOSE (i) COMBUSTION CHAMBER TUBE AND LINE	32-32518-3 BOLT (3) AIRLOC FASTENERS (13) DOORS 83 AND 96 MUST BE OPENED FIRST
			95	(a) ML-1 COMPASS TRANSMITTER	HT3N5 BOLT (36)
			‡96 L & R	(a) ENGINE NOZZLE ACTUATORS (b) SIGNAL HORN	32-32517-3 BOLT (4) AIRLOC FASTENERS (11)

**NOTE**

SEE SHEET 1 FOR REFERENCE

ISSUE DATE: 1 JANUARY 1966  
CHANGED: 1 MAY 1966

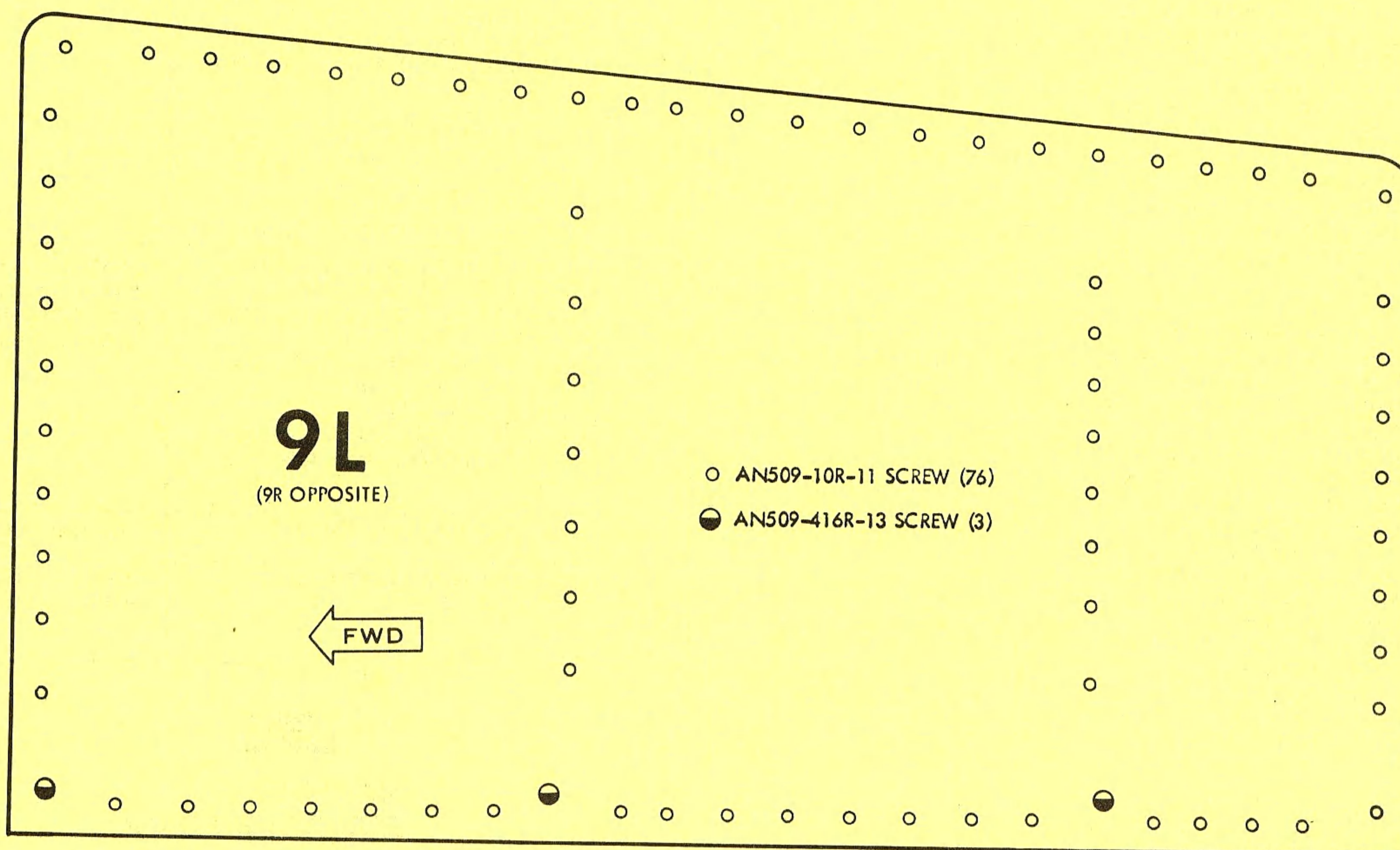
0.1.6 (7 OF 21.)

65

# EXTERNAL ACCESS DOORS (F-4D)

TDDR-50.0

DOOR NO.	EQUIPMENT	DOOR FASTENERS
114 L & R	(a) AERO 7A LAUNCHER 1. LAUNCHER CARTRIDGE 2. LAUNCHER SAFETY PIN 3. LAUNCHER MANUAL RELEASE 4. SEAR INDICATOR 5. STRAY VOLTAGE TEST POINTS 6. UMBILICAL PLUG	AIRLOC FASTENERS (8)
115 L & R	(a) FORWARD CAVITY-AFT DOOR HYDRAULIC ACTUATOR (b) FWD MISSILE CAVITY AFT DOOR ATTACH BOLTS	AN509-10R14 SCREW (65)
122 L & R	(a) GENERATOR CONTROL PANEL	AN509-10R13 SCREW (59) AN509-416R9 SCREW (1)
123 L & R	(a) AFT RAMP HINGE PIN	NAS333CFA6-5 SCREW (17)
129 L & R	(a) PYLON FWD MOUNTING BRACKET (b) PYLON ELECTRICAL DISCONNECT	NAS333CFA10 SCREW (12)
136 L & R		<b>NAS1221-3-6 SCREW (26)</b>
137 L & R	(a) STARTER CARTRIDGE SPARE	SEE DETAIL GG
138	(a) L.H. PNEUMATIC STARTER INLET	AIRLOC FASTENERS (9)
139	(a) R.H. PNEUMATIC STARTER INLET	AIRLOC FASTENERS (13)
140	(b) L.H. STARTER CARTRIDGE BREECH (b) CARTRIDGE/PNEUMATIC STARTER	AIRLOC FASTENERS (15)



DETAIL A

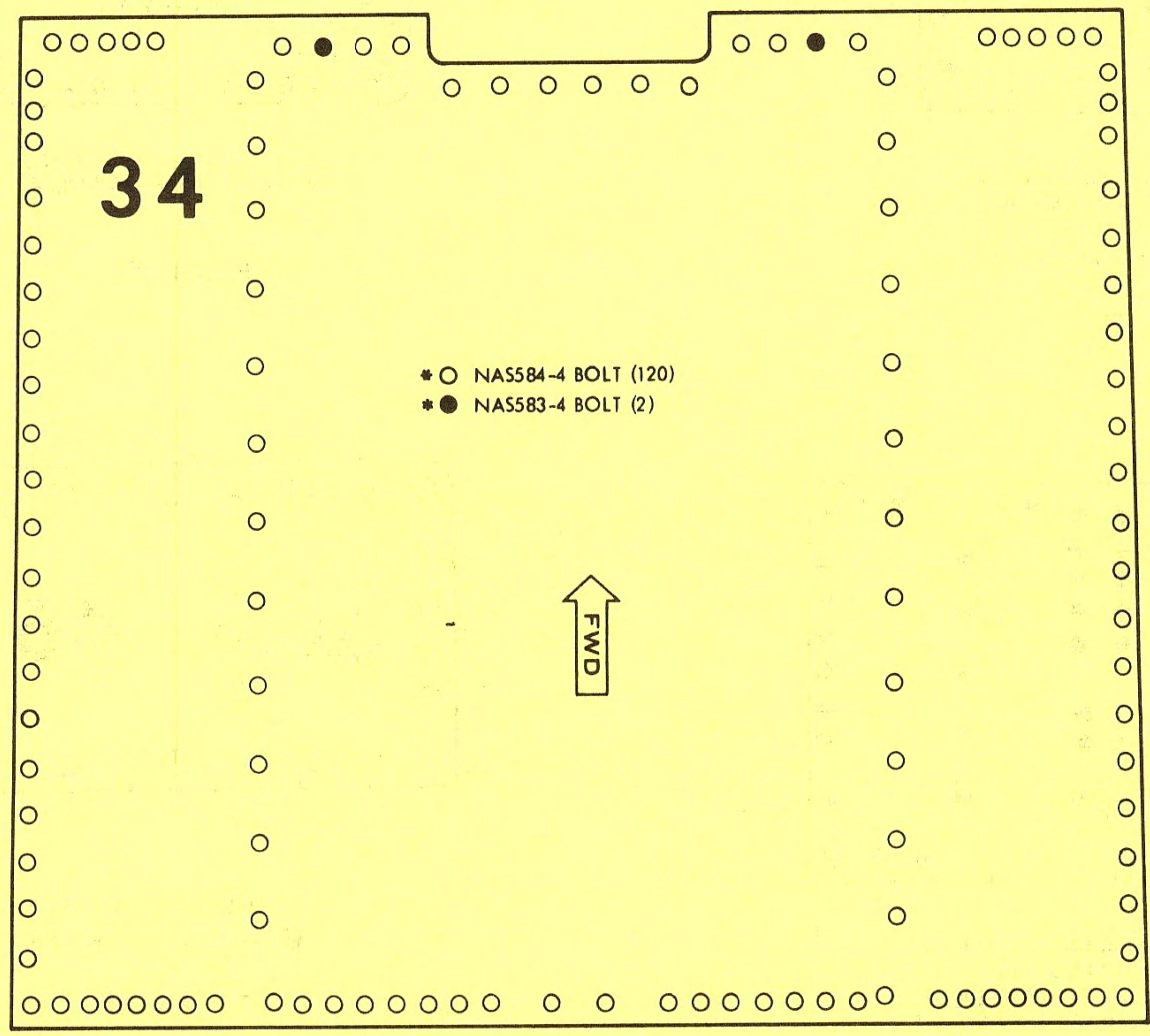
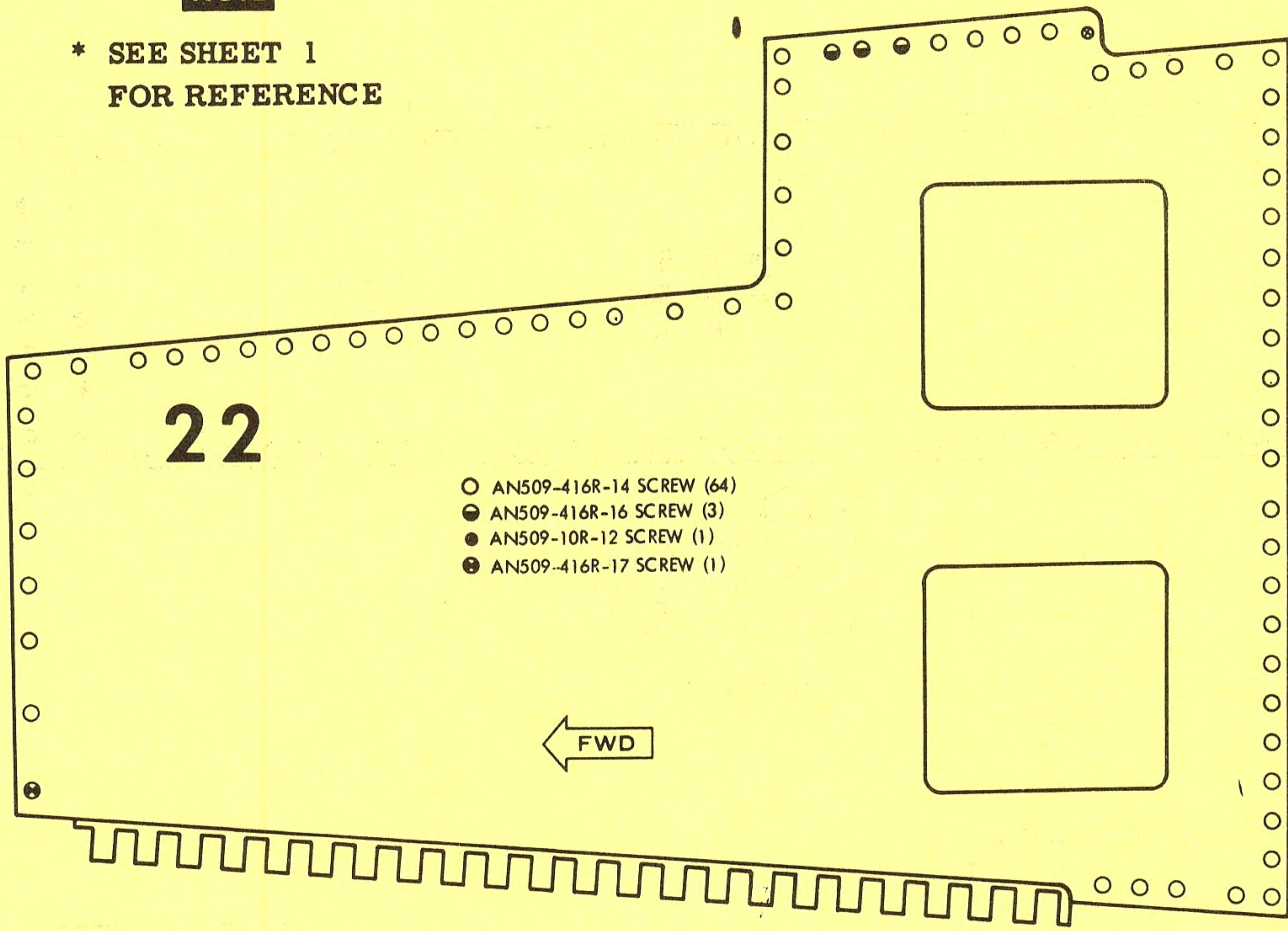
ISSUE DATE: 1 JANUARY 1966  
CHANGED: 1 MAY 1966

0.1.6 ( 8 OF 21 )

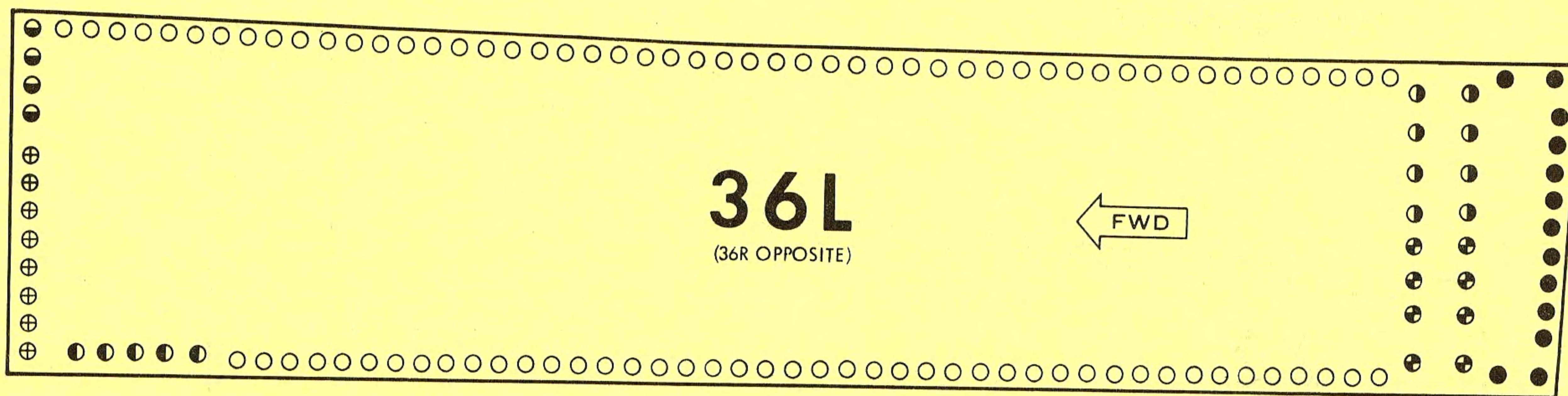
66 ~~67~~

**NOTE**

\* SEE SHEET 1  
FOR REFERENCE

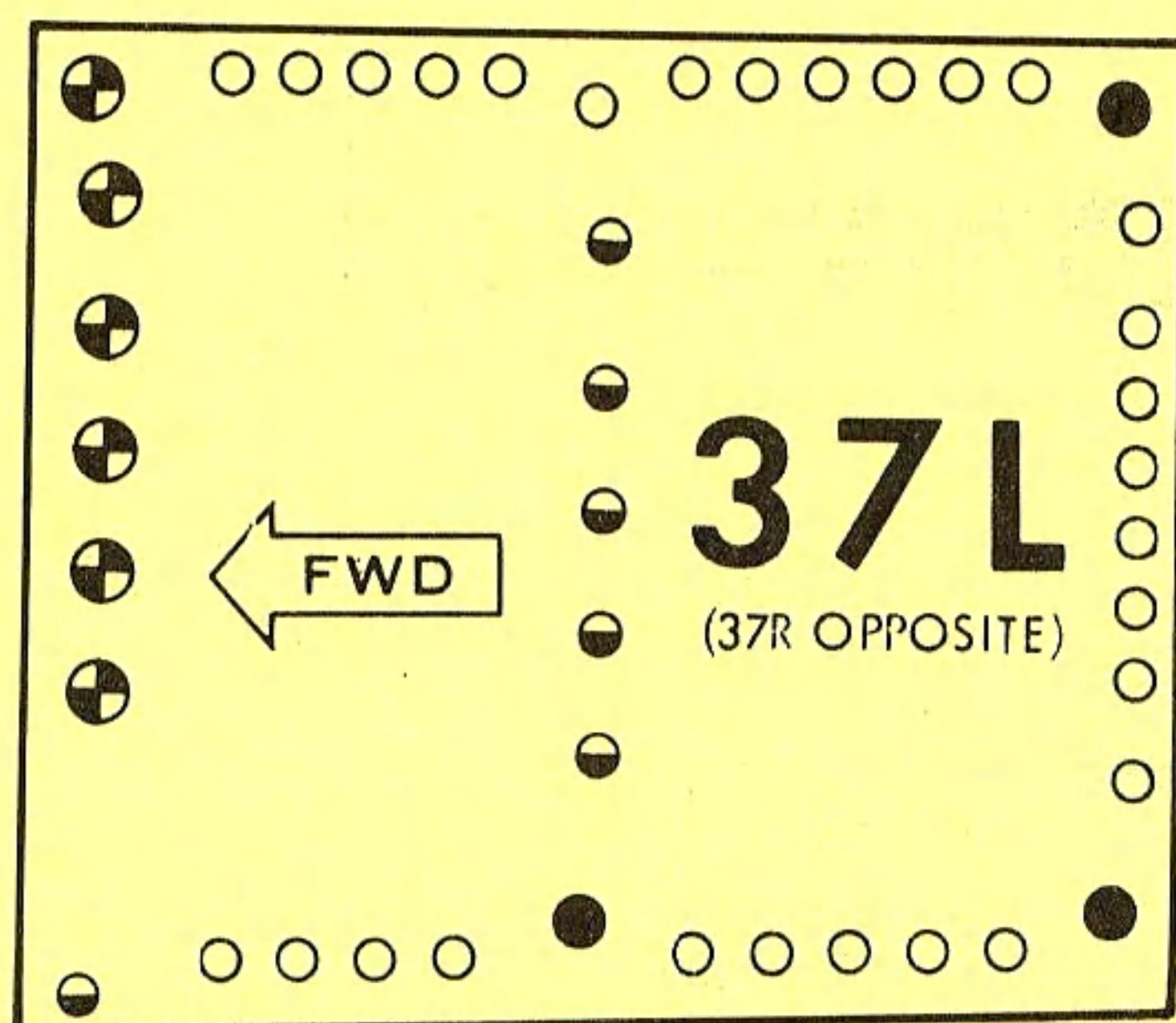






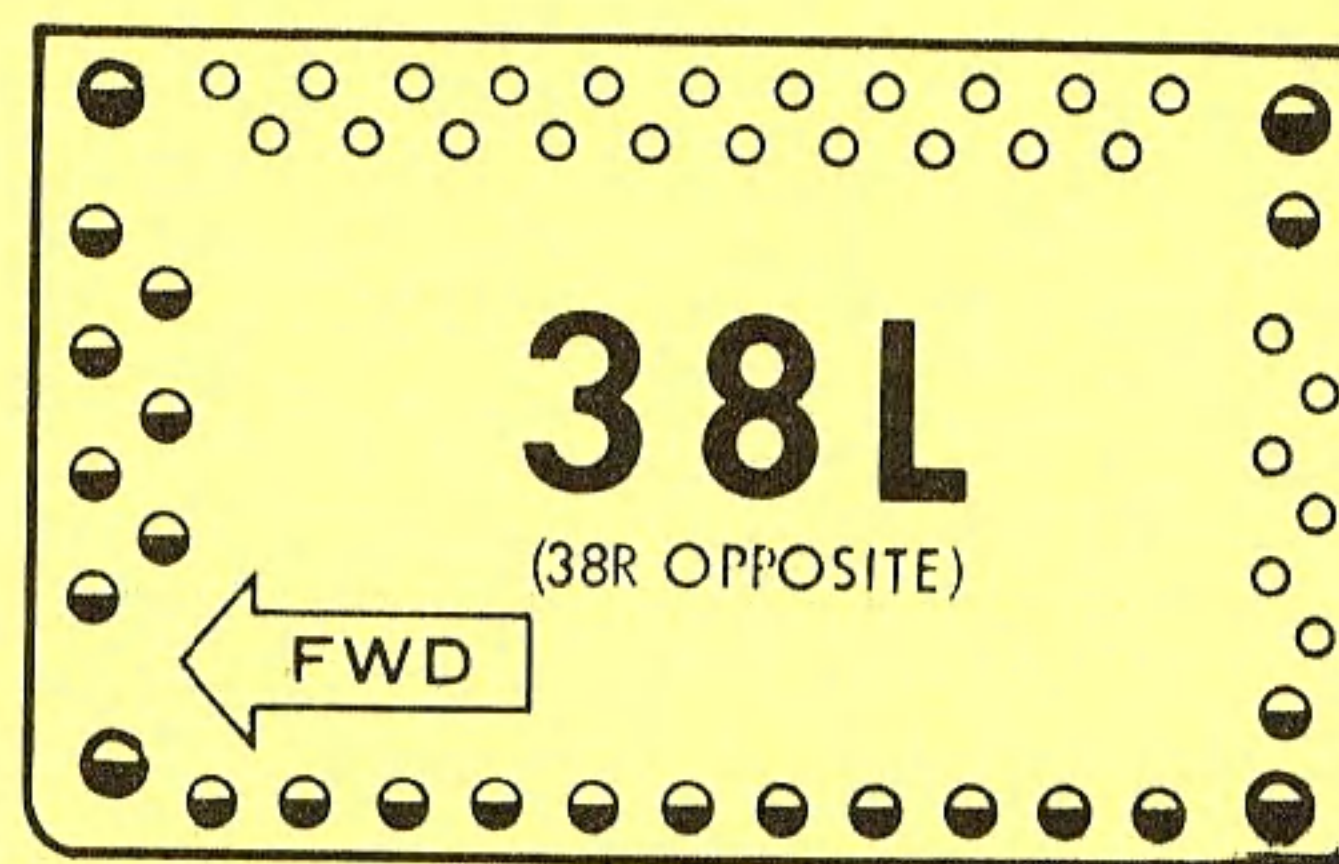
- NAS334CFA-6 SCREW (95)
- NAS335CFA-7-5 SCREW (4)
- ⊕ NAS334CFA-15-5 SCREW (8)
- ⊖ NAS334CFA-12 SCREW (8)
- ⊗ NAS335CFA-13-5 SCREW (8)
- NAS333CFA-5 SCREW (13)
- ⊖ NAS335CFA-6-5 SCREW (5)

DETAIL D



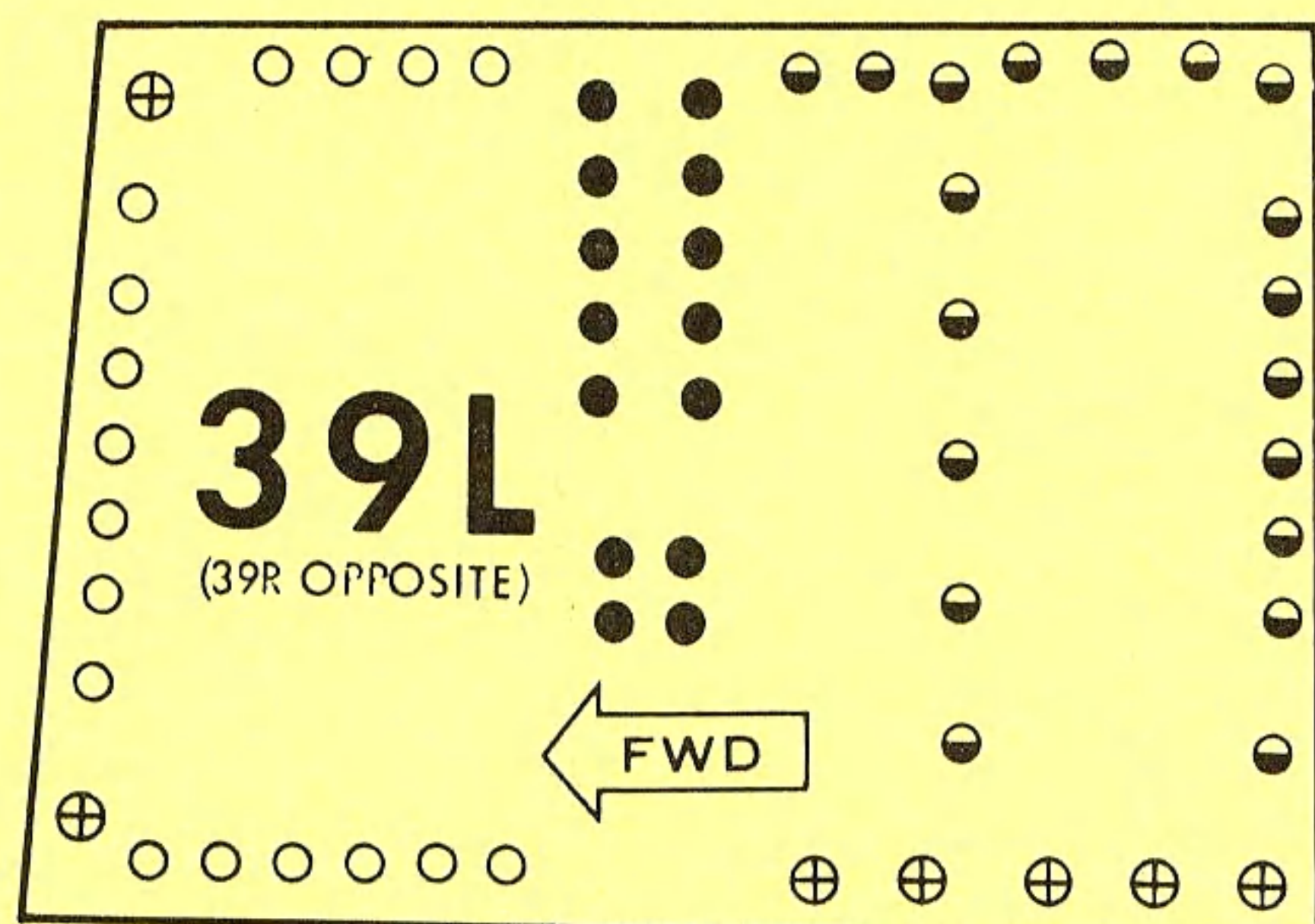
- NAS334CFA-10-5 SCREW (29)
- NAS334CFA-5-5 SCREW (6)
- ⊕ NAS336CFA-15 SCREW (6)
- NAS335CFA-7-5 SCREW (3)

DETAIL E



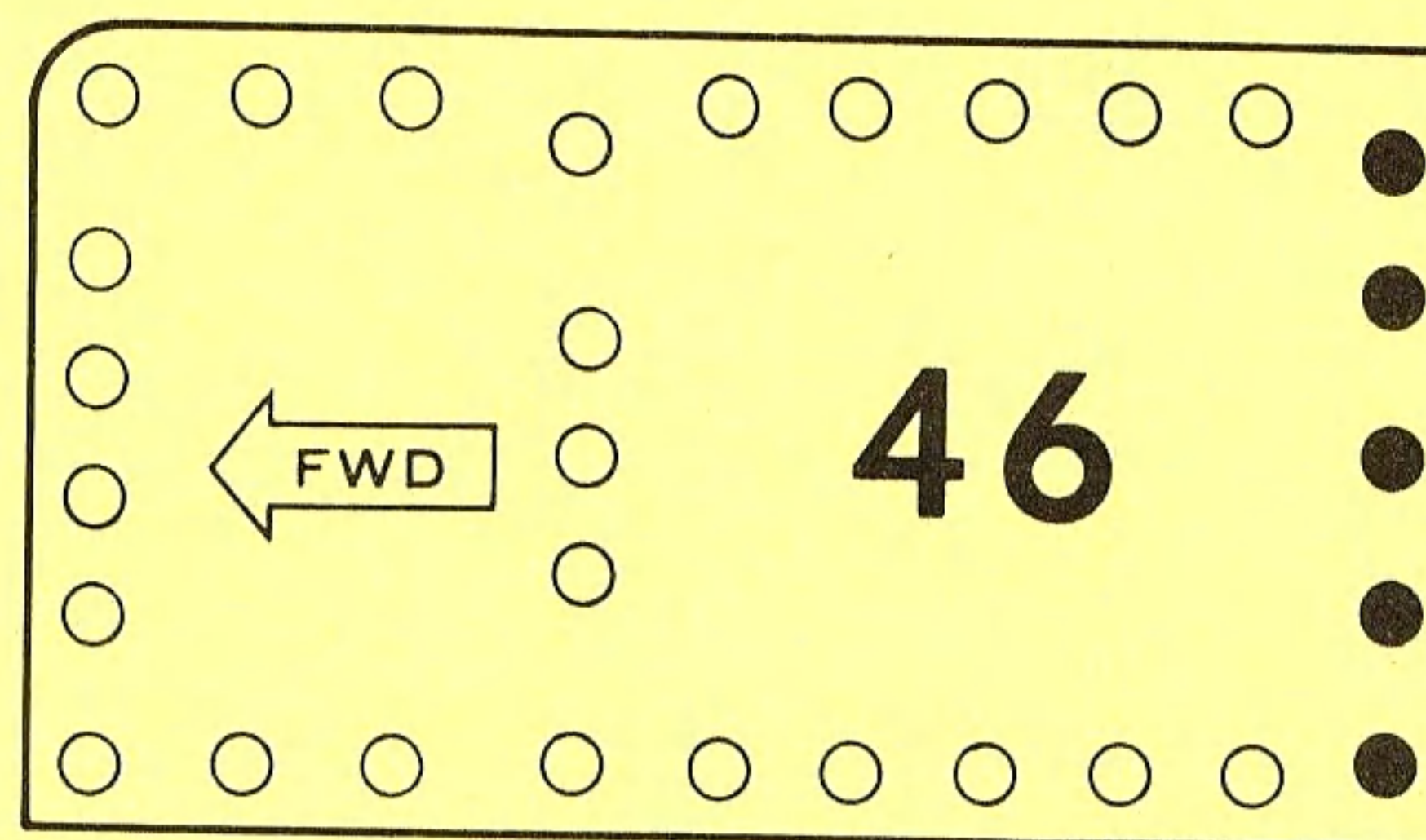
- NAS333CFA-5-5 SCREW (27)
- NAS334CFA-6-5 SCREW (24)

DETAIL F



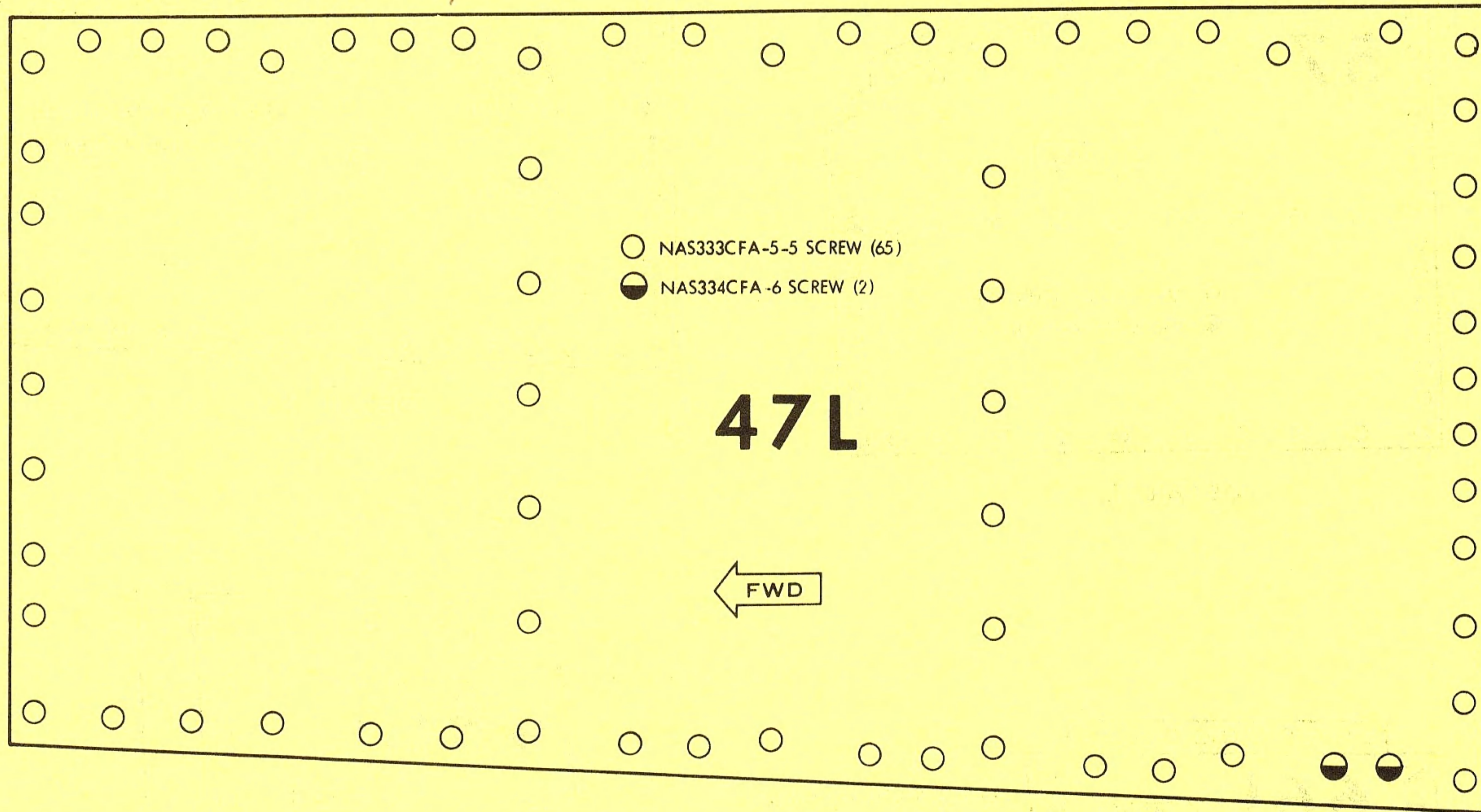
- NAS334CFA-7-5 SCREW (17)
- NAS333CFA-5-5 SCREW (19)
- ⊕ NAS335CFA-7-5 SCREW (7)
- NAS334CFA-21 SCREW (14)

DETAIL G

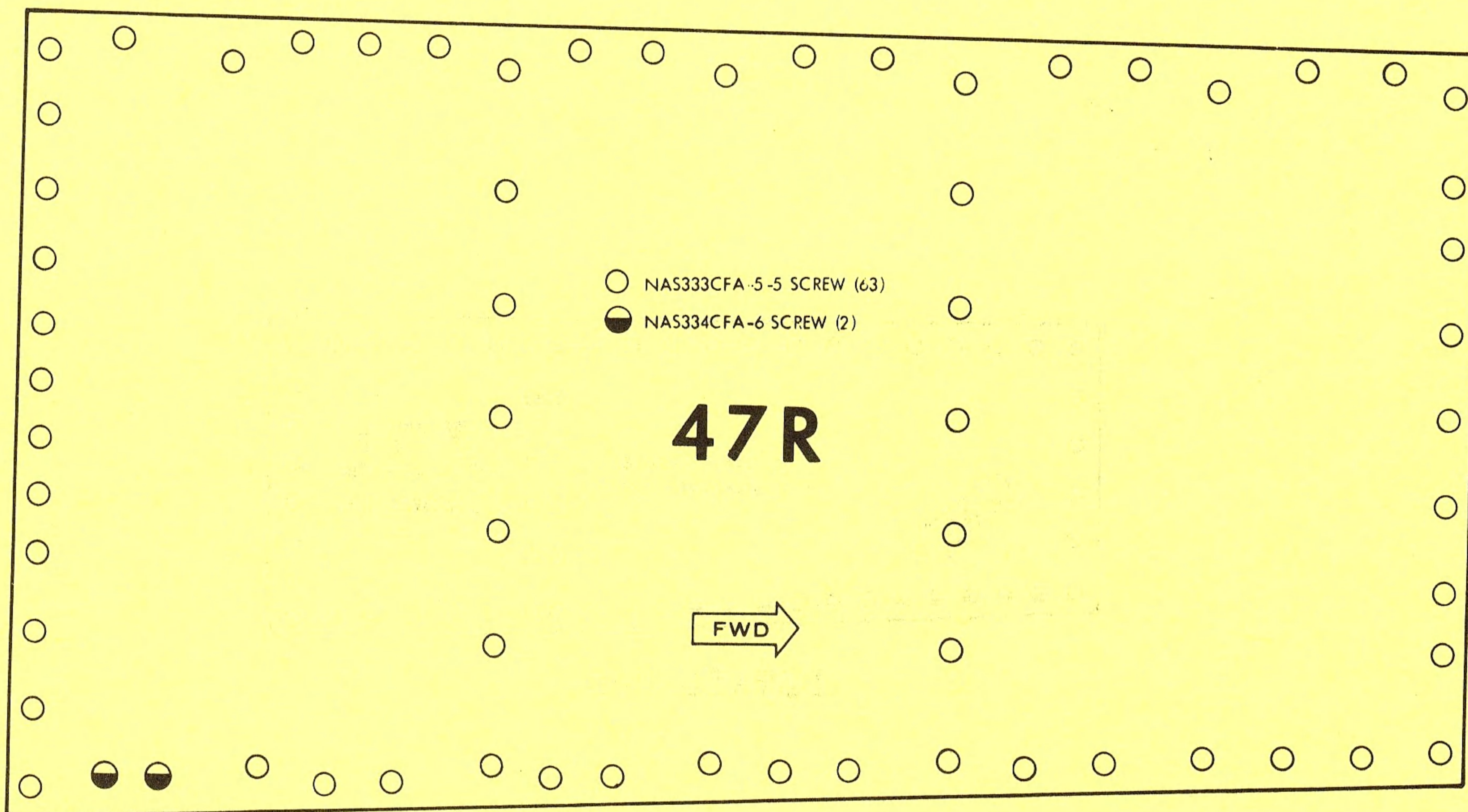


- NAS333CFA-4-5 SCREW (25)
- NAS333CFA-7-5 SCREW (5)

DETAIL H



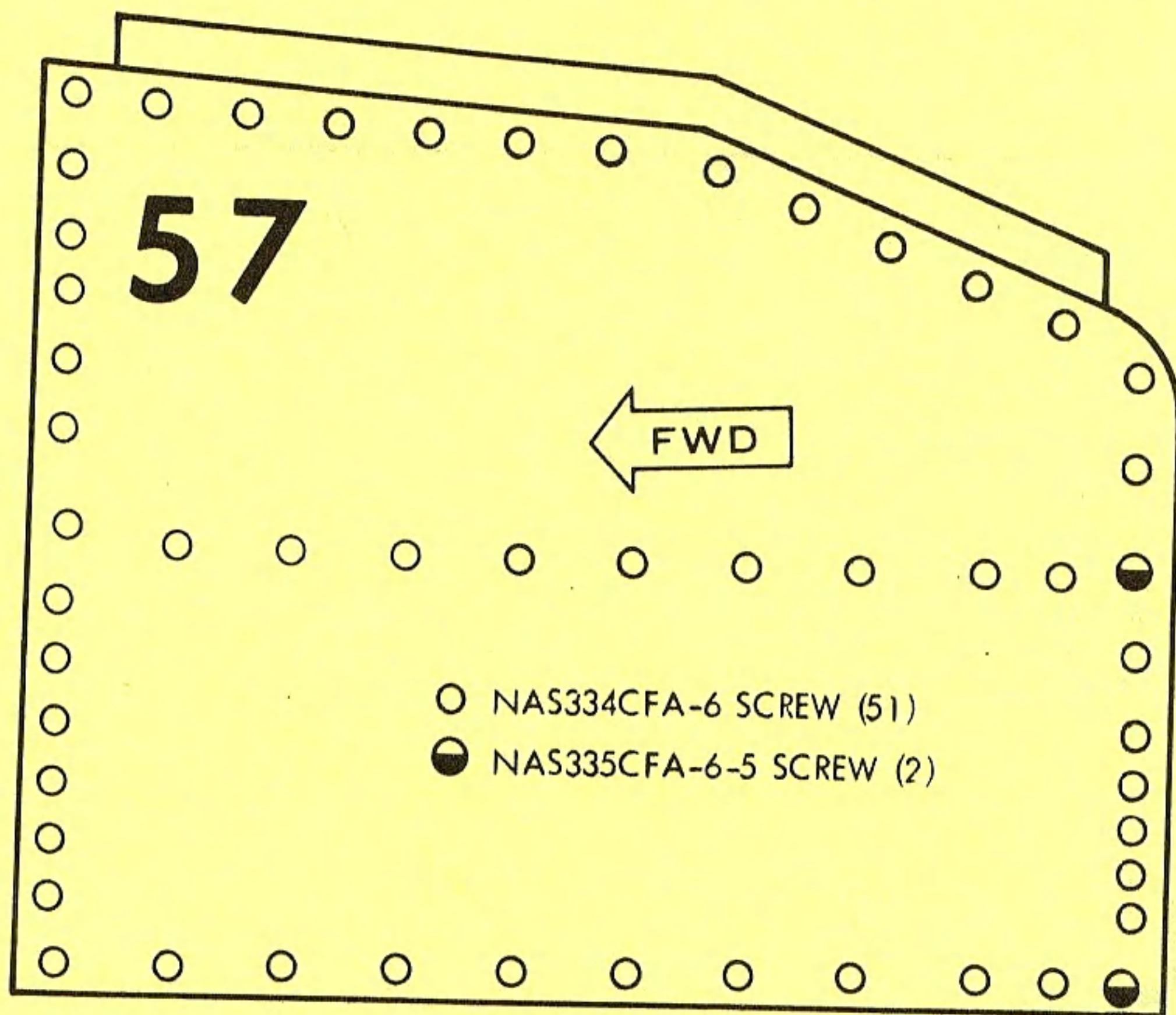
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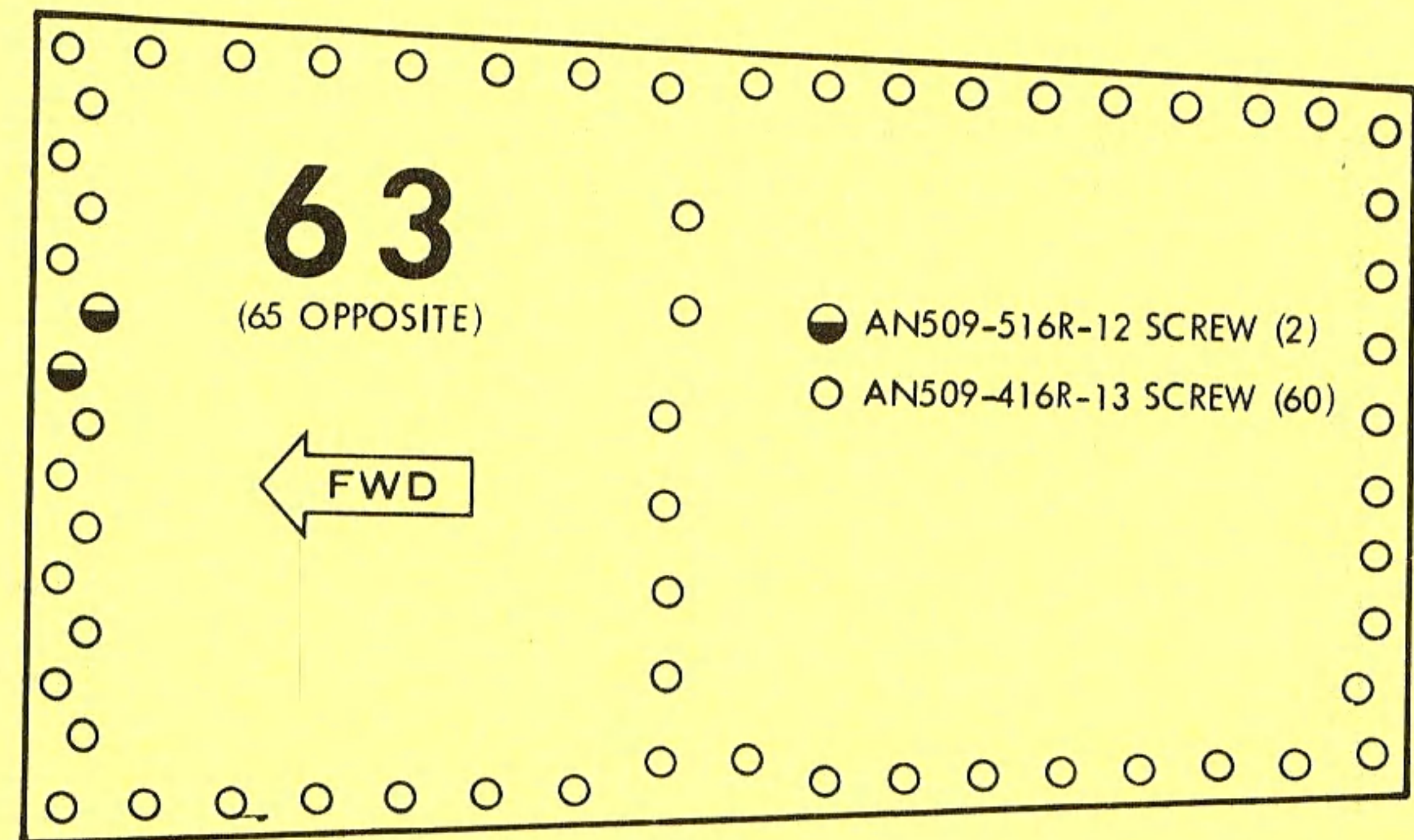
**DETAIL K**

# EXTERNAL ACCESS DOORS (F-4D)

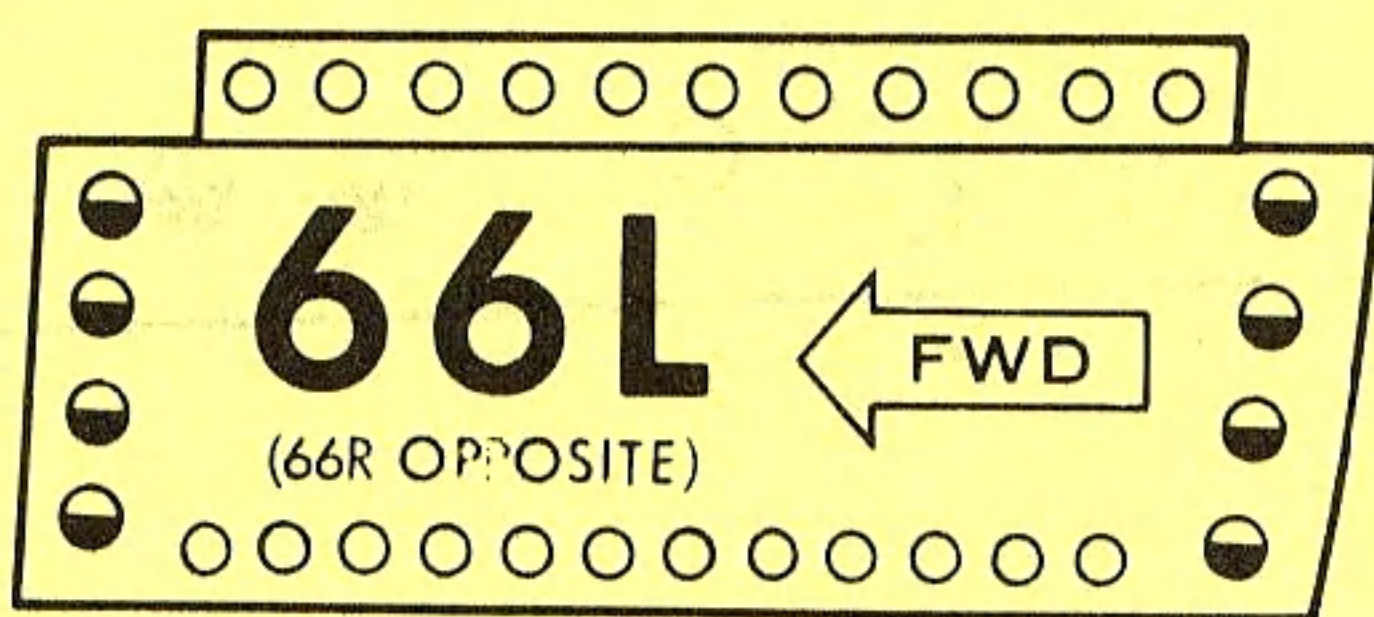
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DETAIL L

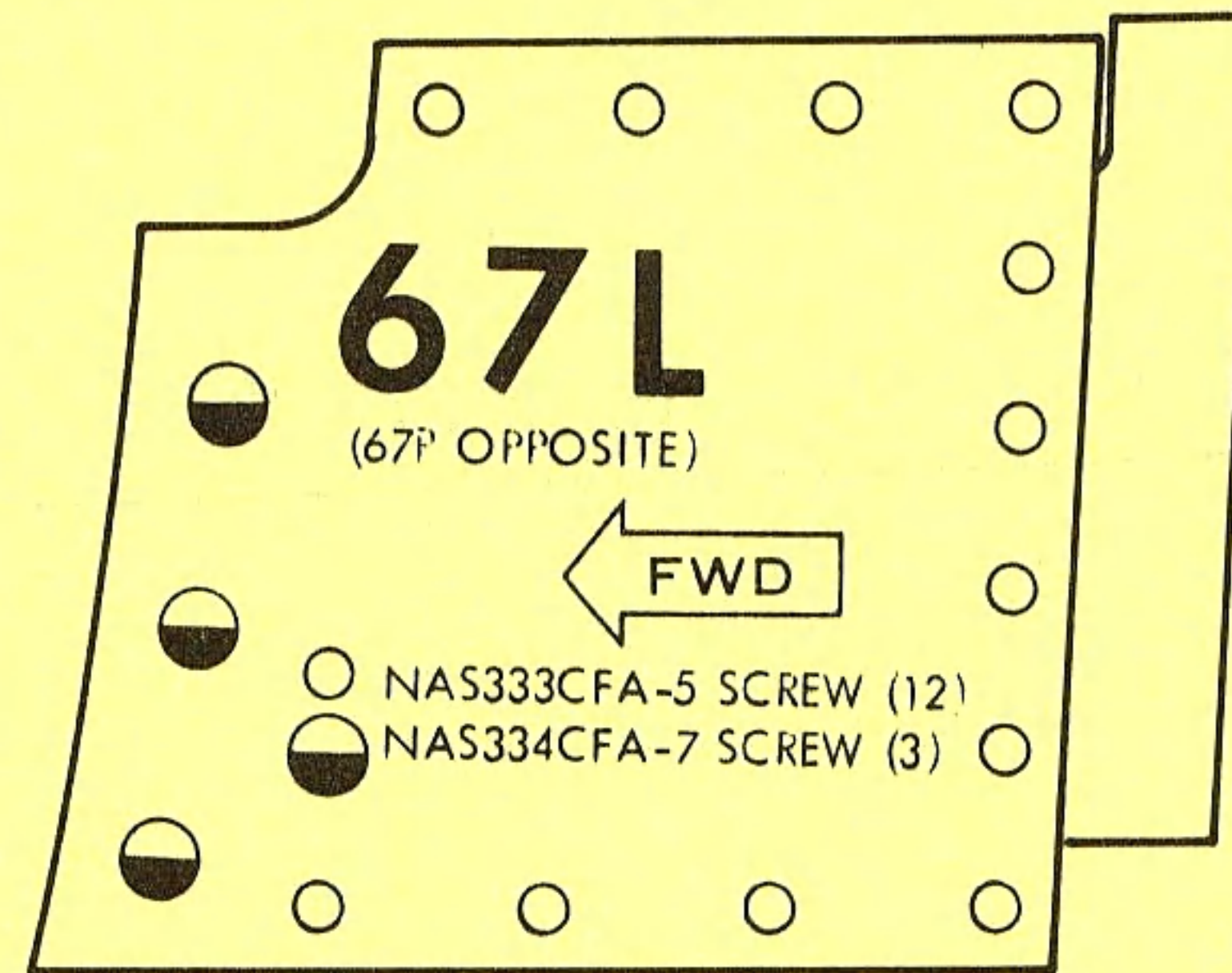


DETAIL M

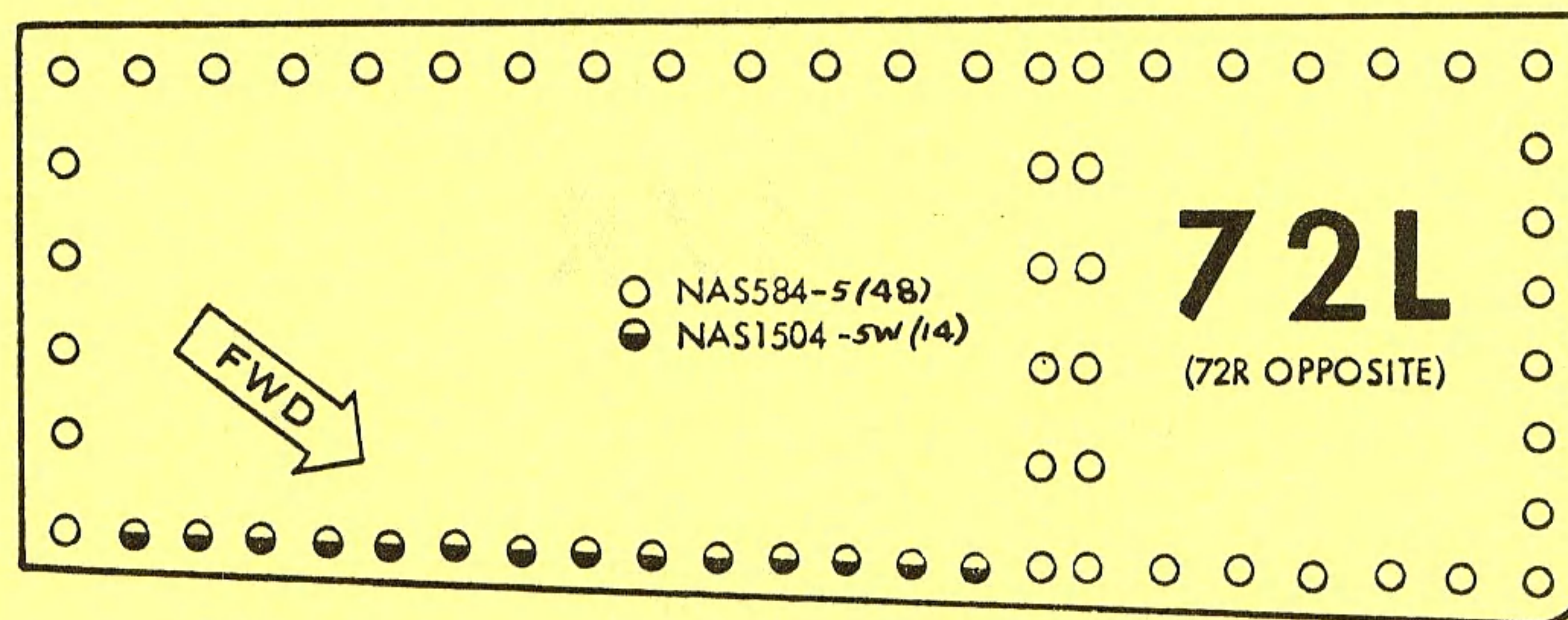


DETAIL N

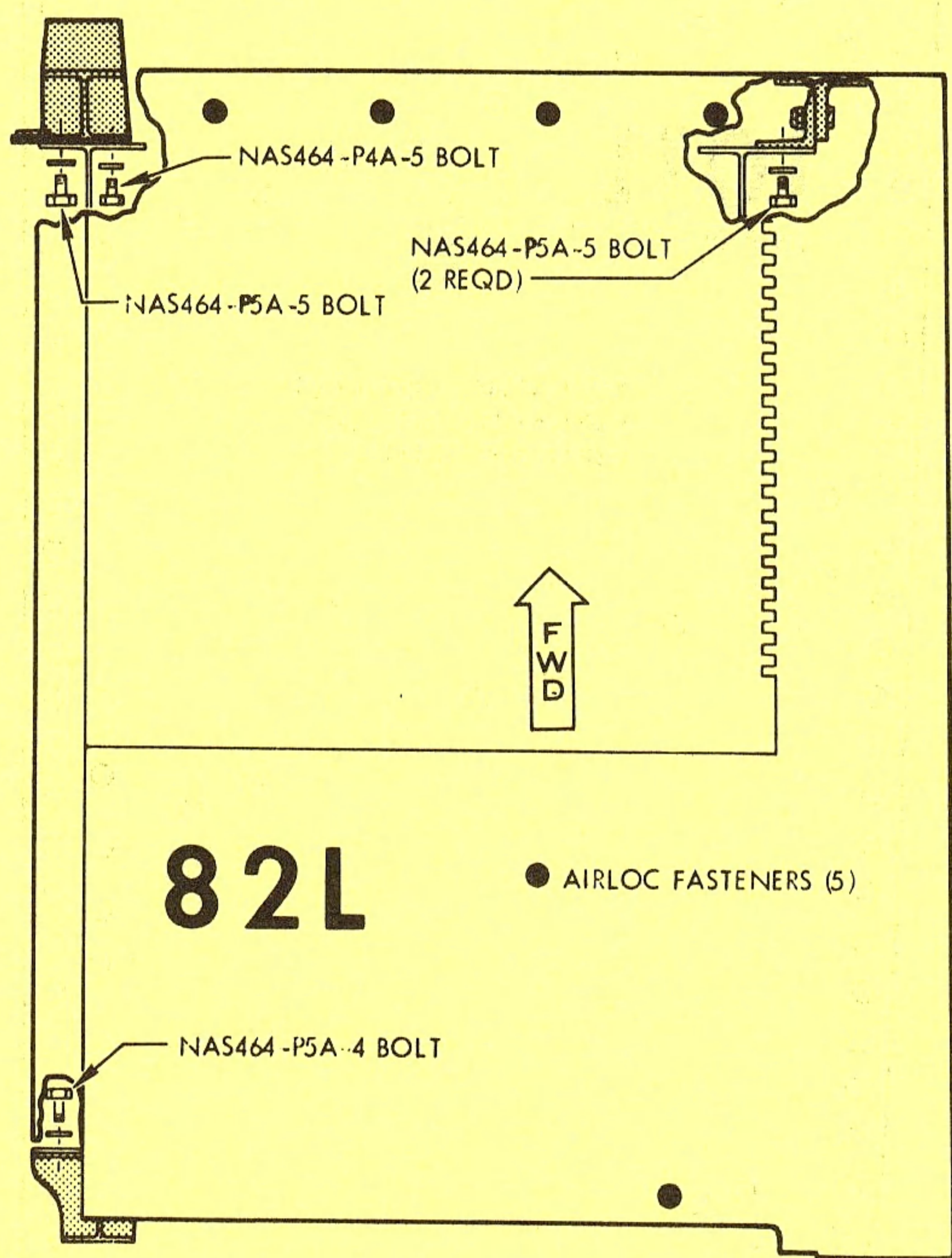
- NAS334CFA-6 SCREW (23)
- NAS335CFA-10 SCREW (8)



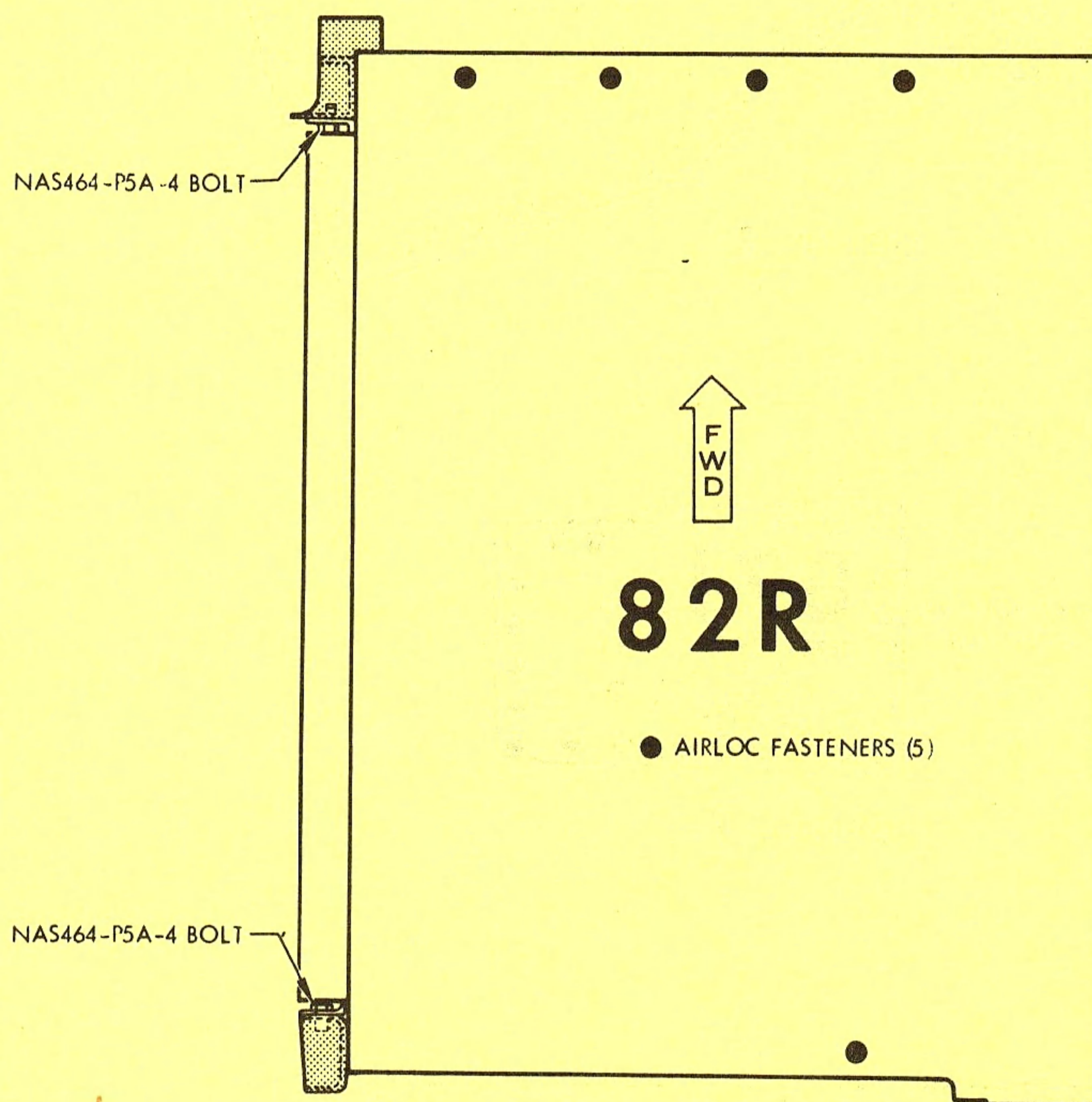
DETAIL P



DETAIL H-H



DETAIL Q



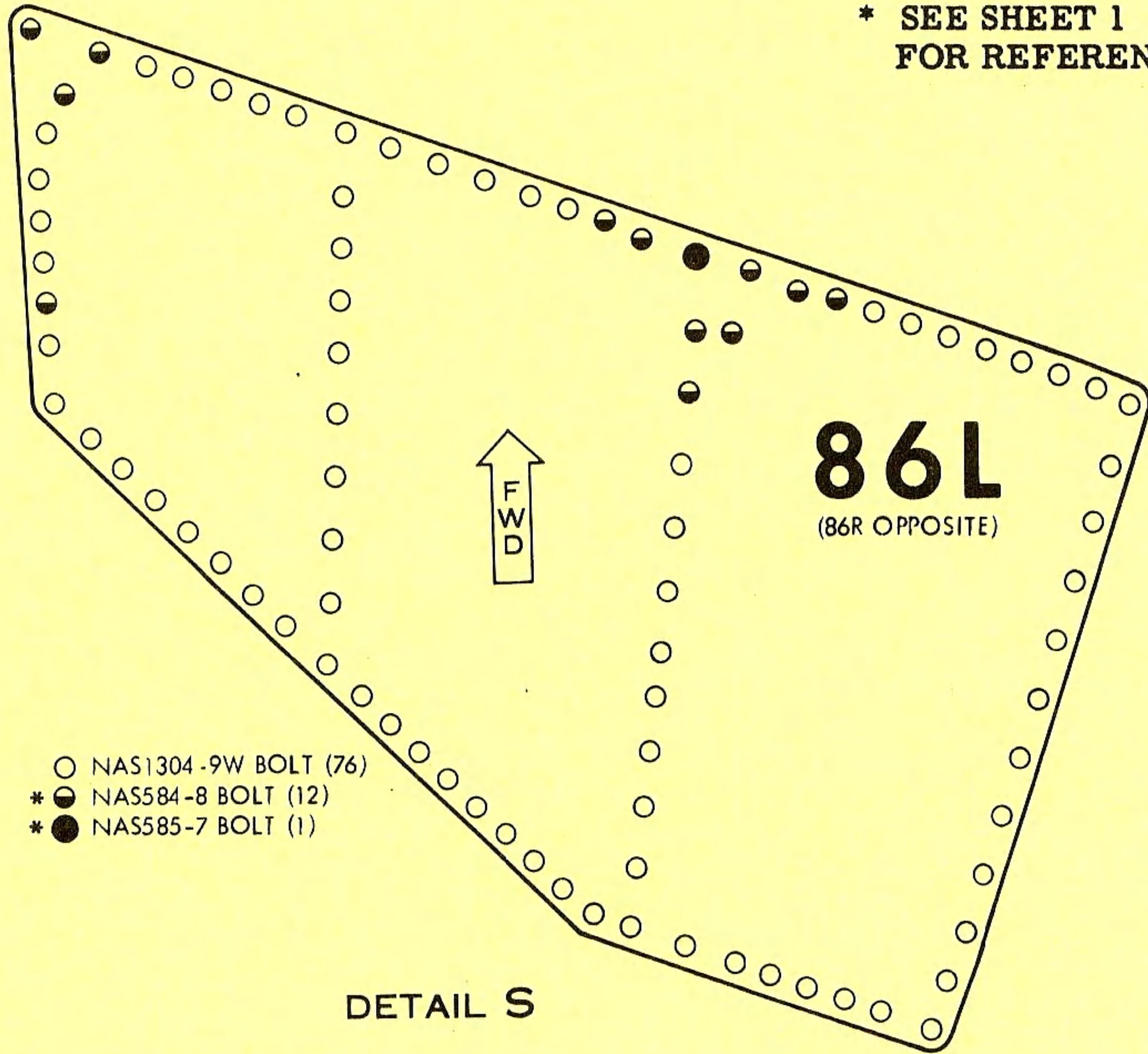
DETAIL R

# EXTERNAL ACCESS DOORS (F-4D)

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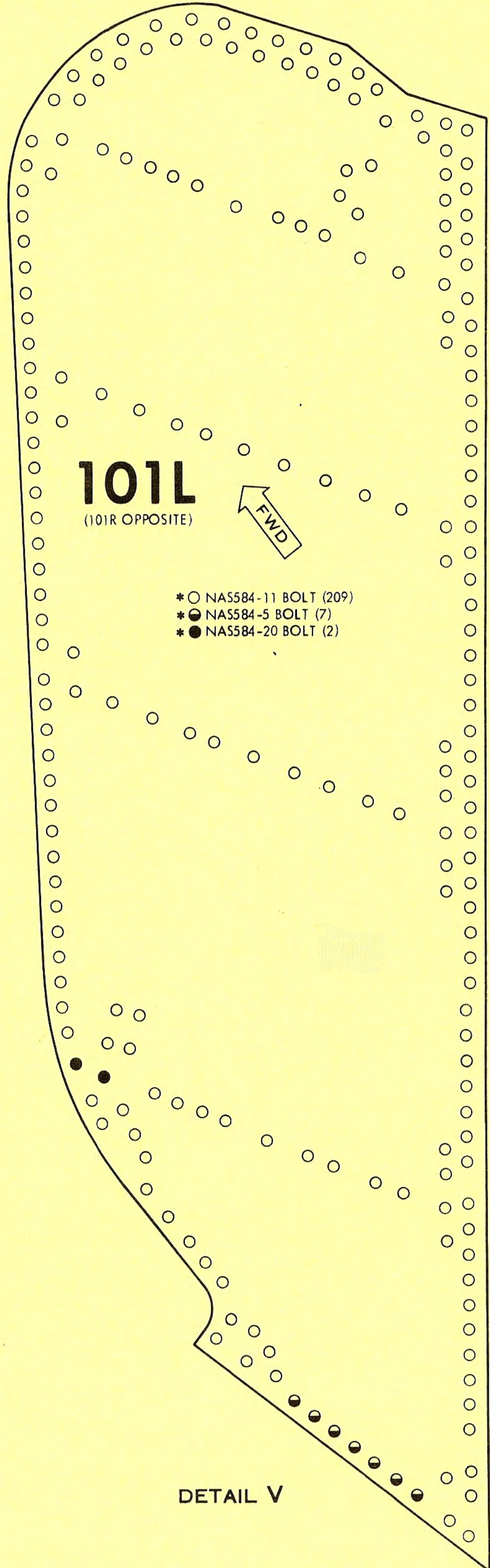
**NOTE**

\* SEE SHEET 1 FOR REFERENCE.



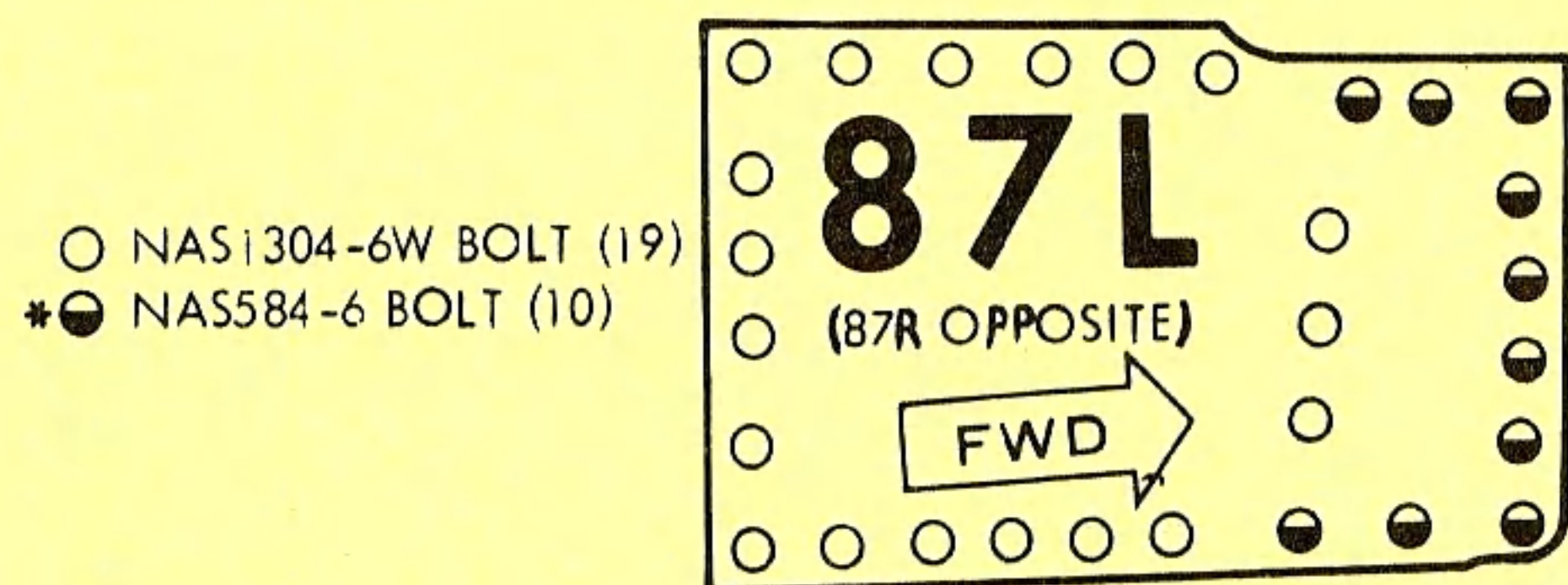
- NAS1304-9W BOLT (76)
- \* ● NAS584-8 BOLT (12)
- \* ● NAS585-7 BOLT (1)

DETAIL S



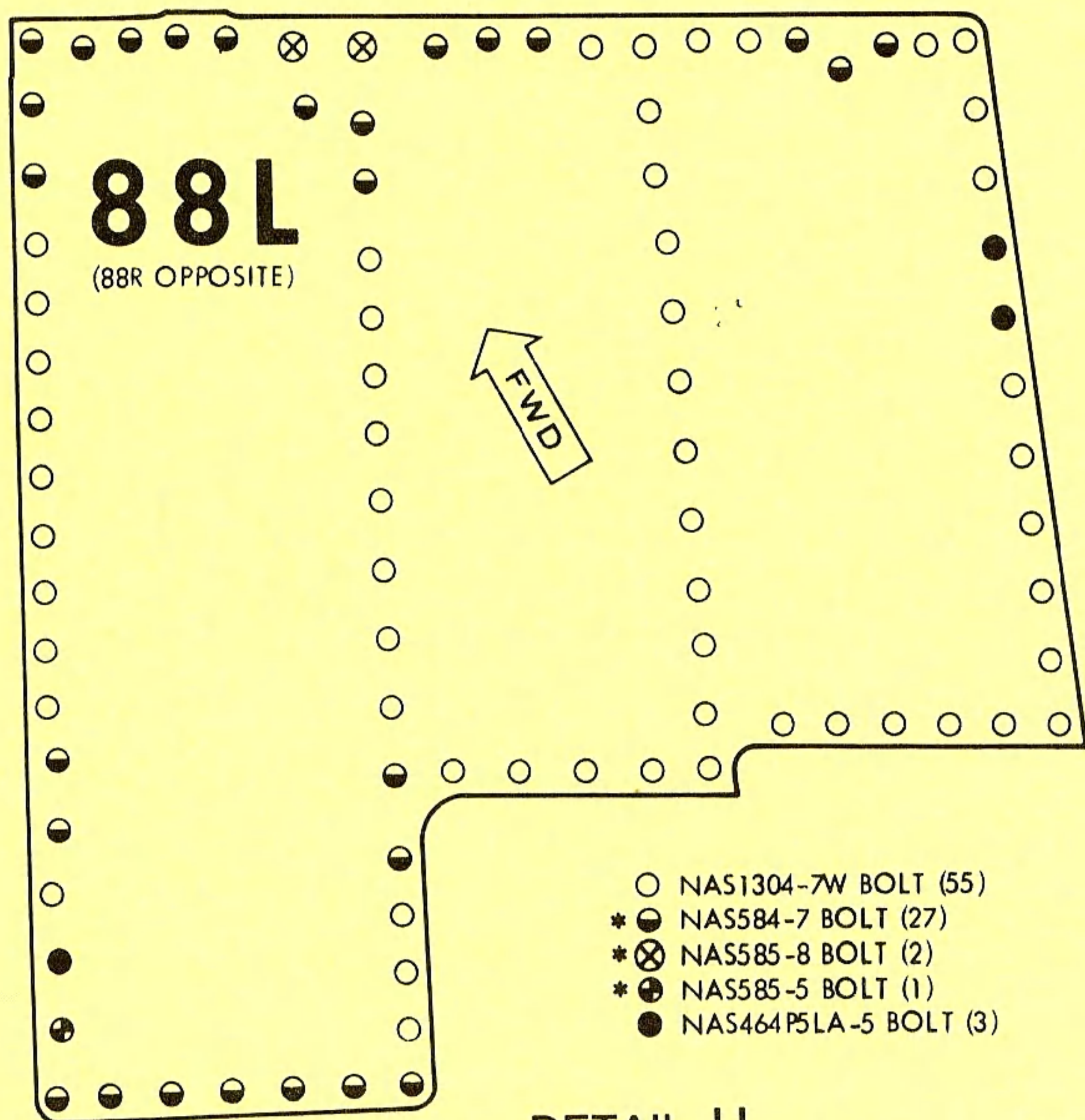
- \* ○ NAS584-11 BOLT (209)
- \* ● NAS584-5 BOLT (7)
- \* ● NAS584-20 BOLT (2)

DETAIL V



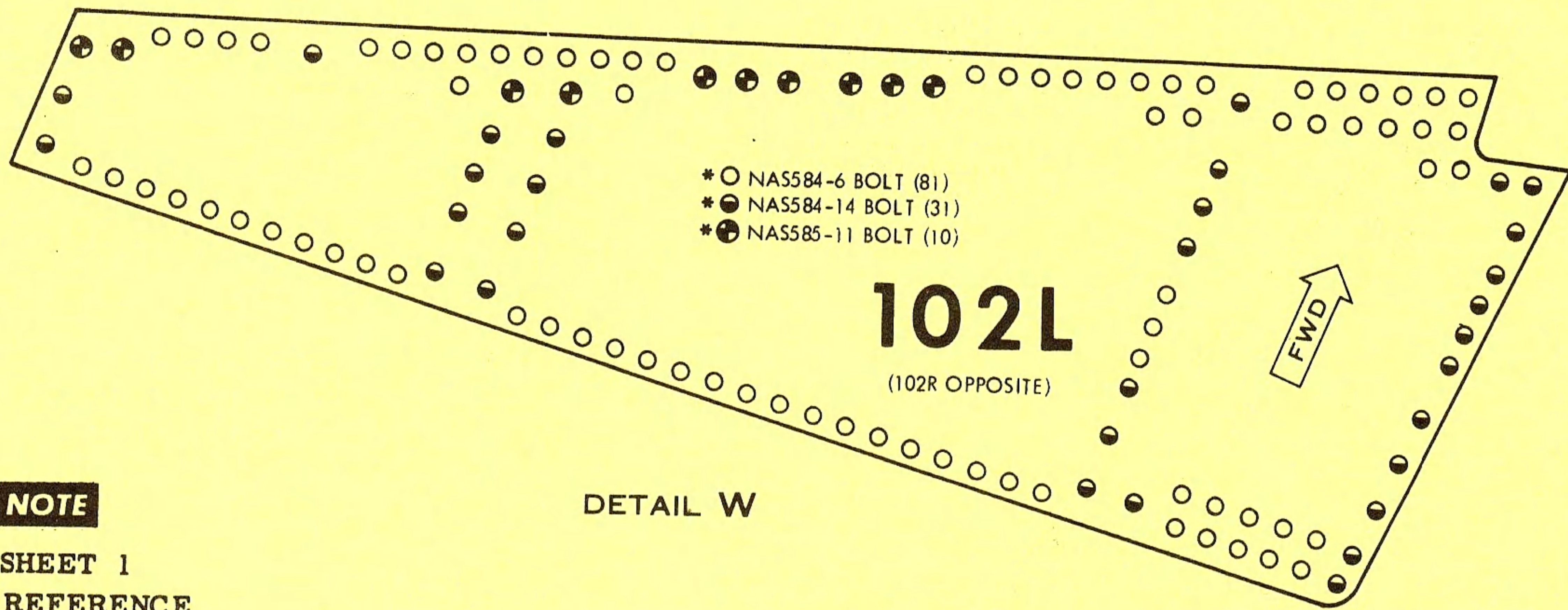
- NAS1304-6W BOLT (19)
- \* ● NAS584-6 BOLT (10)

DETAIL T



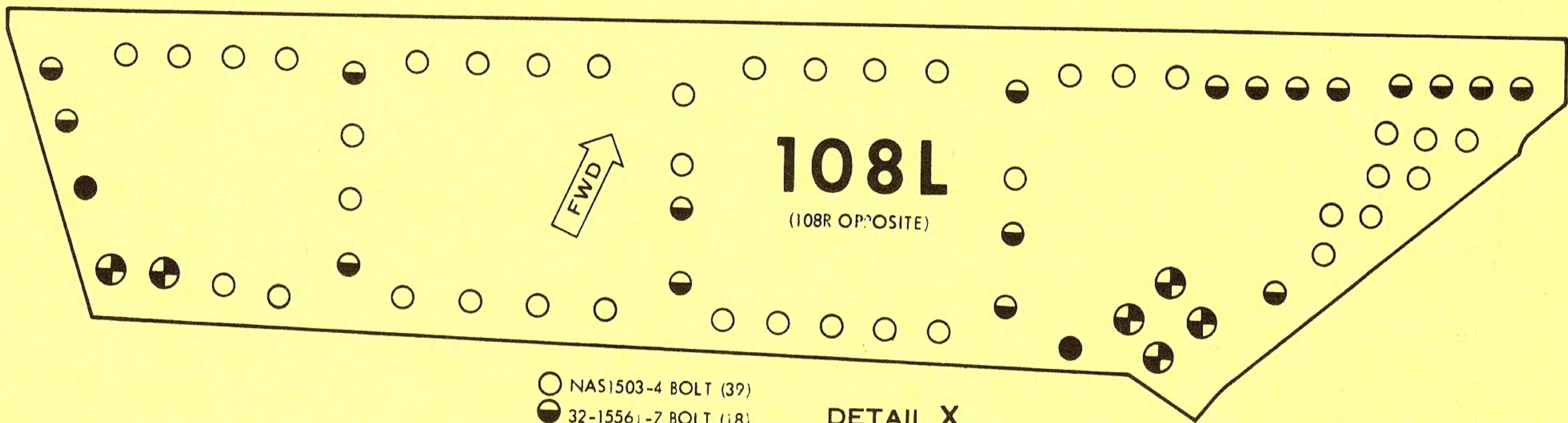
- NAS1304-7W BOLT (55)
- \* ● NAS584-7 BOLT (27)
- \* ⊗ NAS585-8 BOLT (2)
- \* ● NAS585-5 BOLT (1)
- NAS464P5LA-5 BOLT (3)

DETAIL U



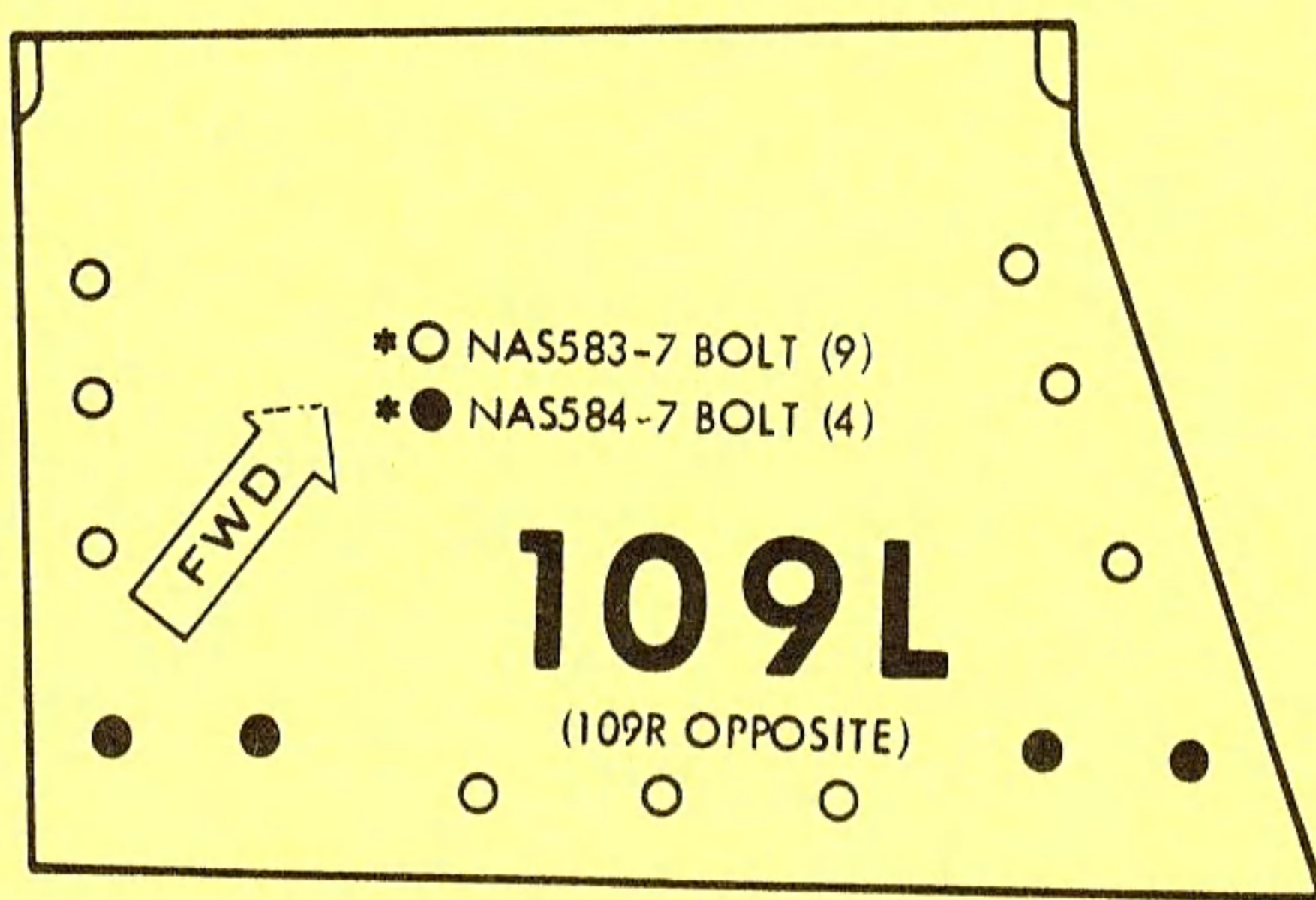
**DETAIL W**

**NOTE**  
SEE SHEET 1  
FOR REFERENCE

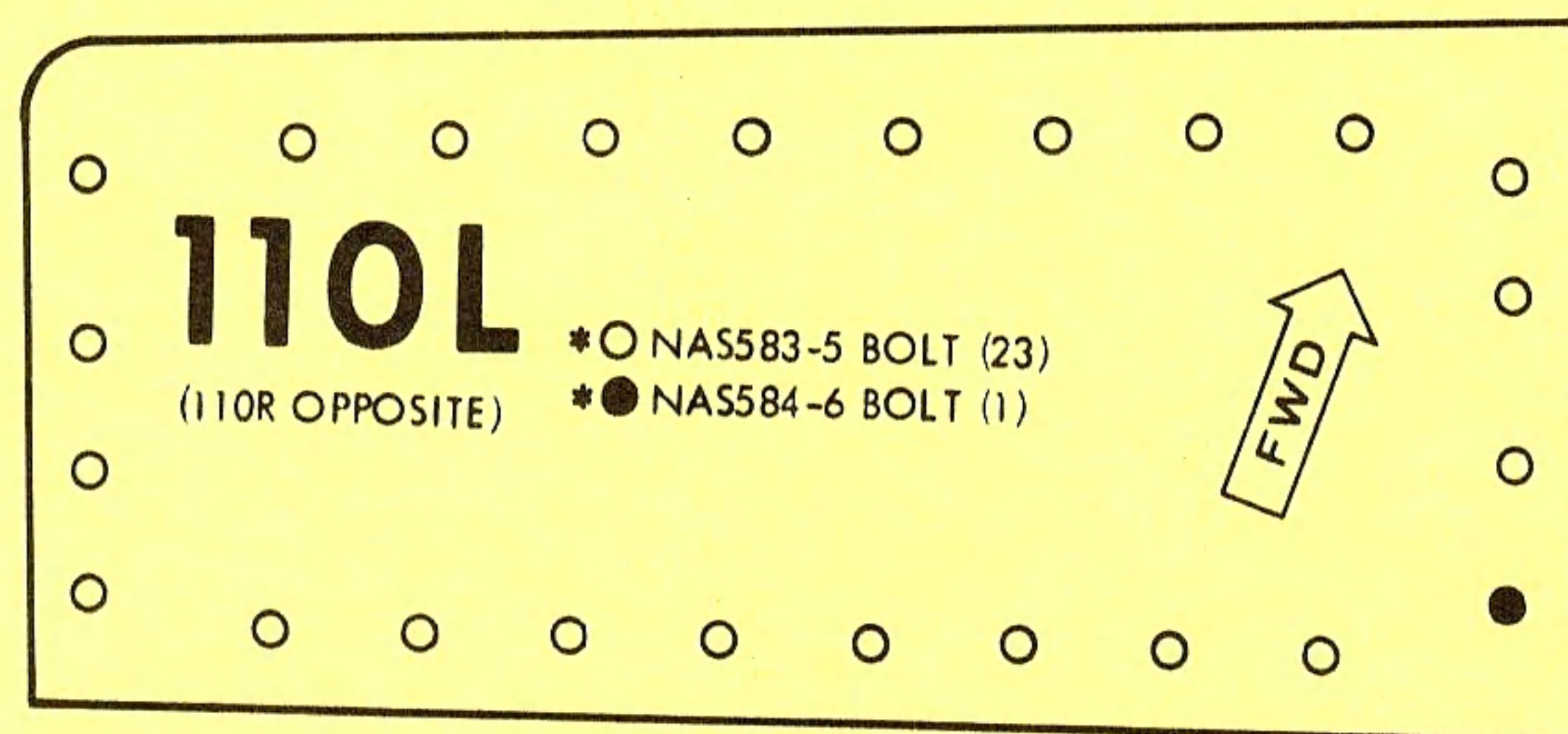


- NAS1503-4 BOLT (39)
- 32-15561-7 BOLT (18)
- NAS1503-13 BOLT (2)
- ⊕ NAS1504-9 BOLT (6)

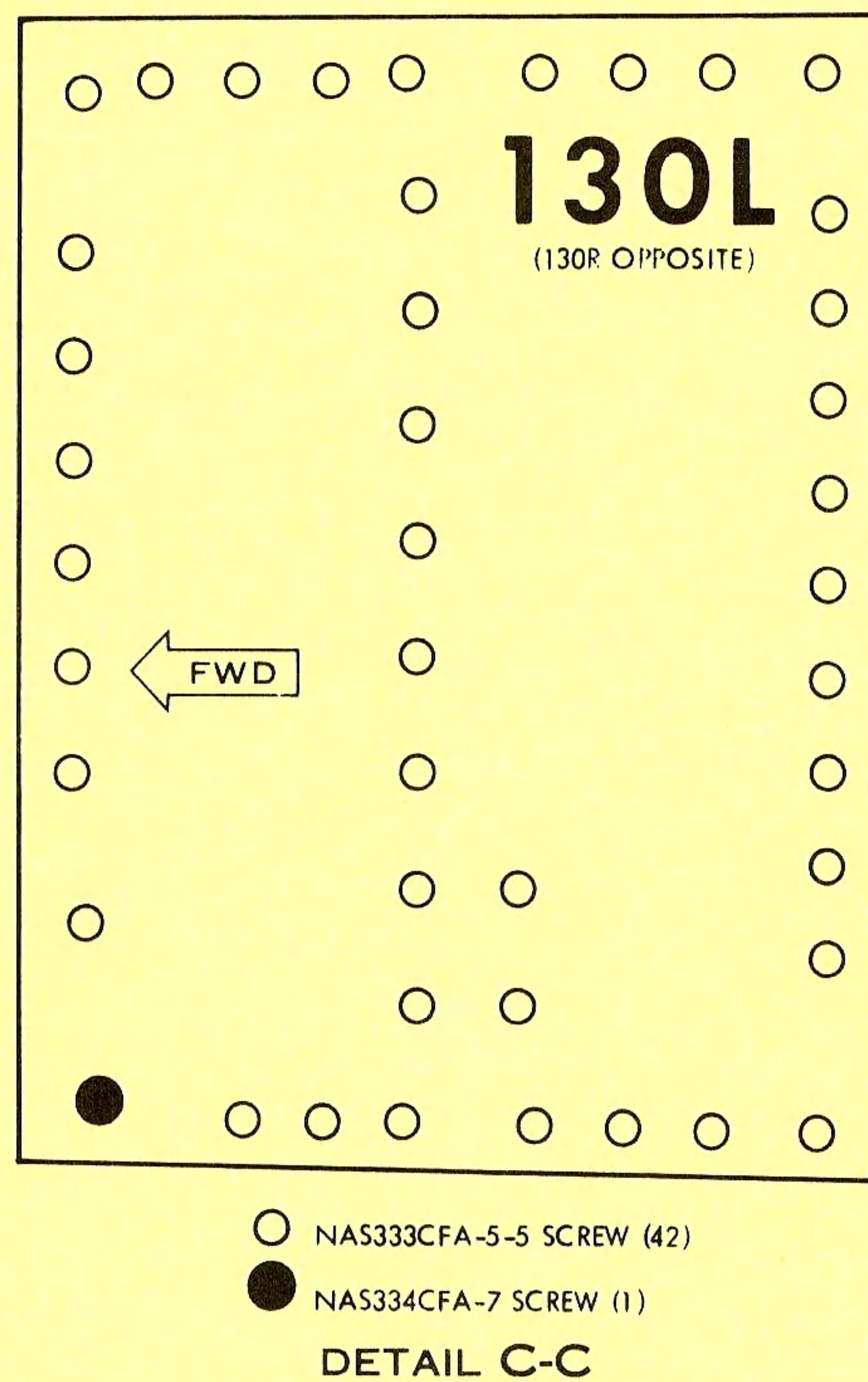
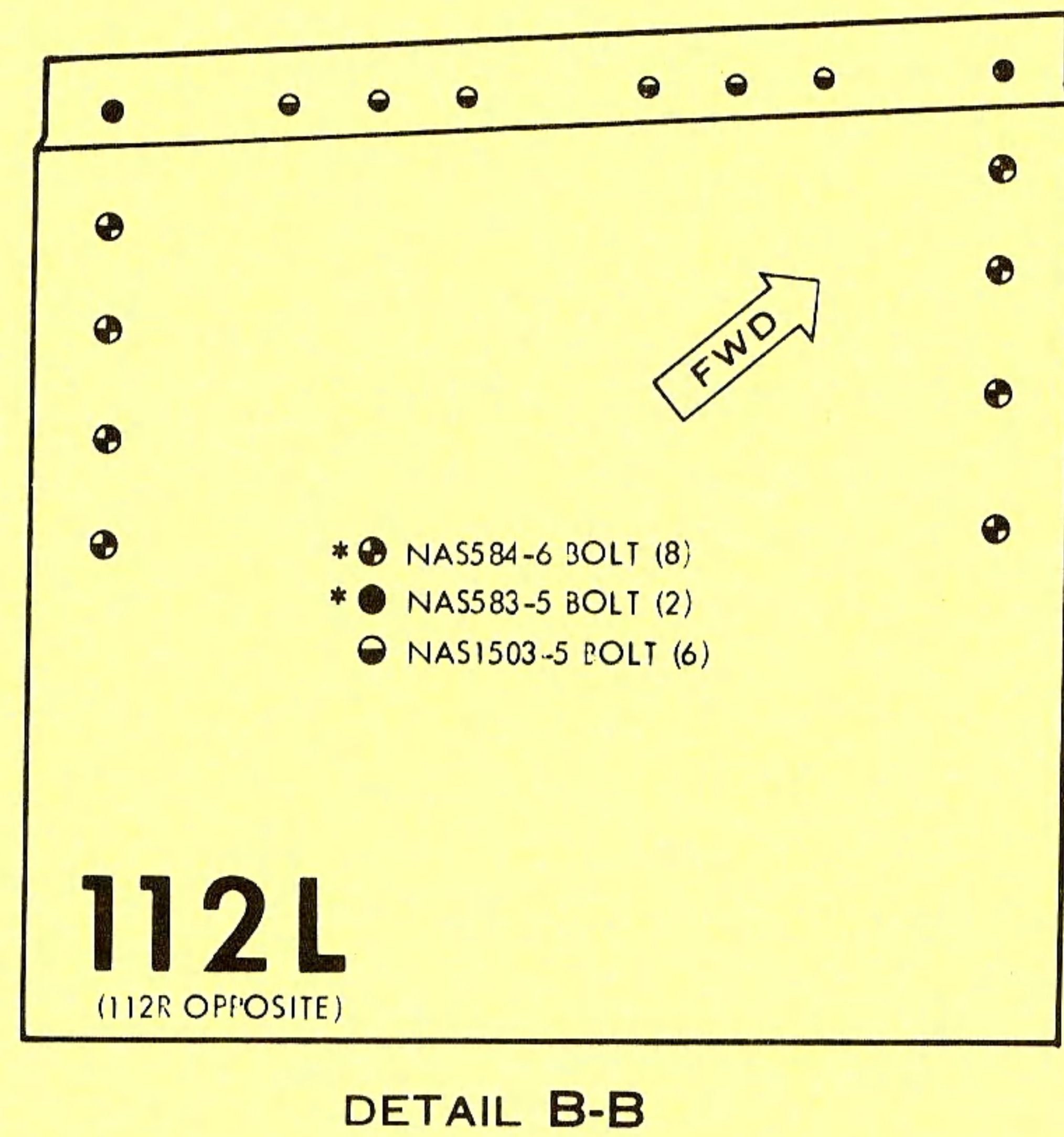
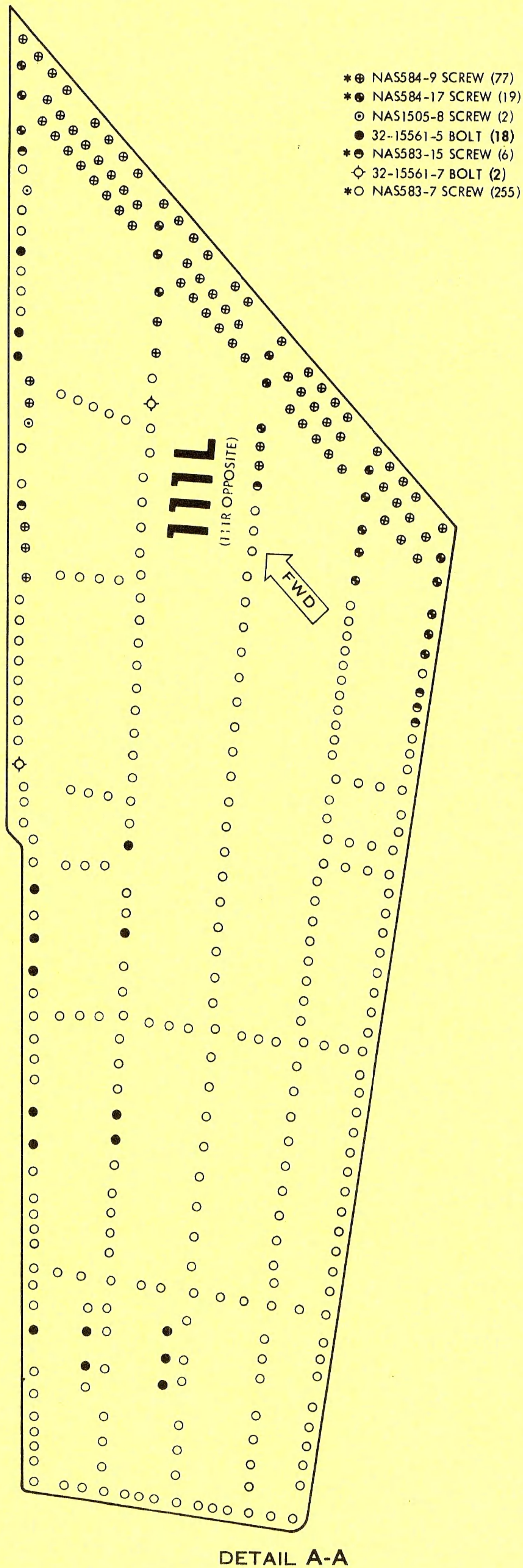
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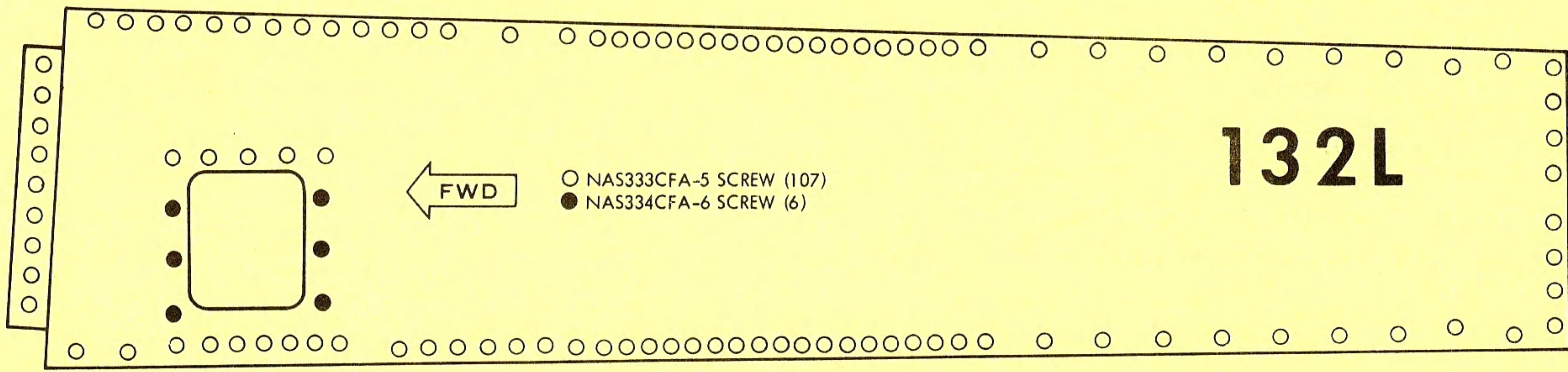
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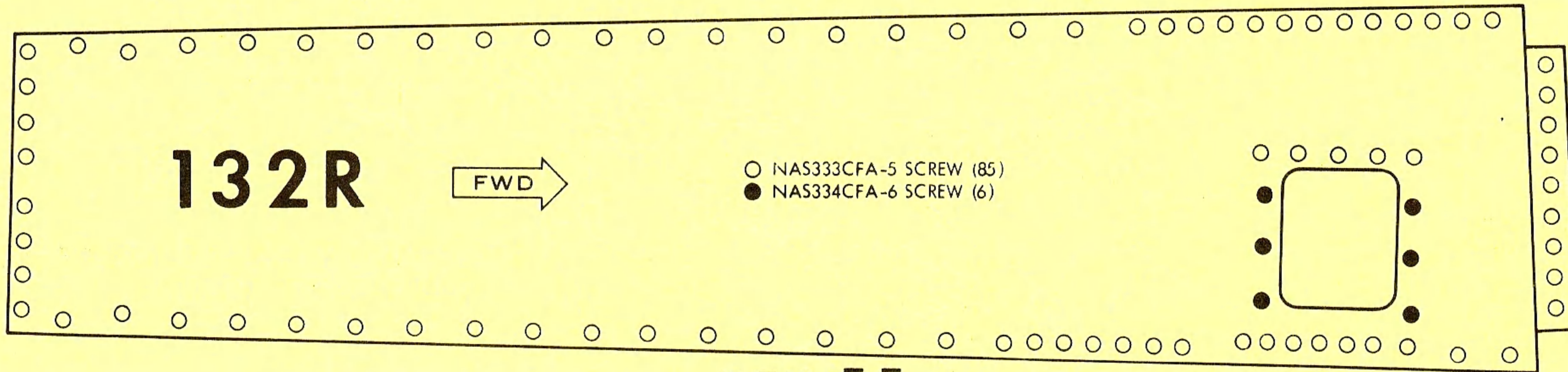
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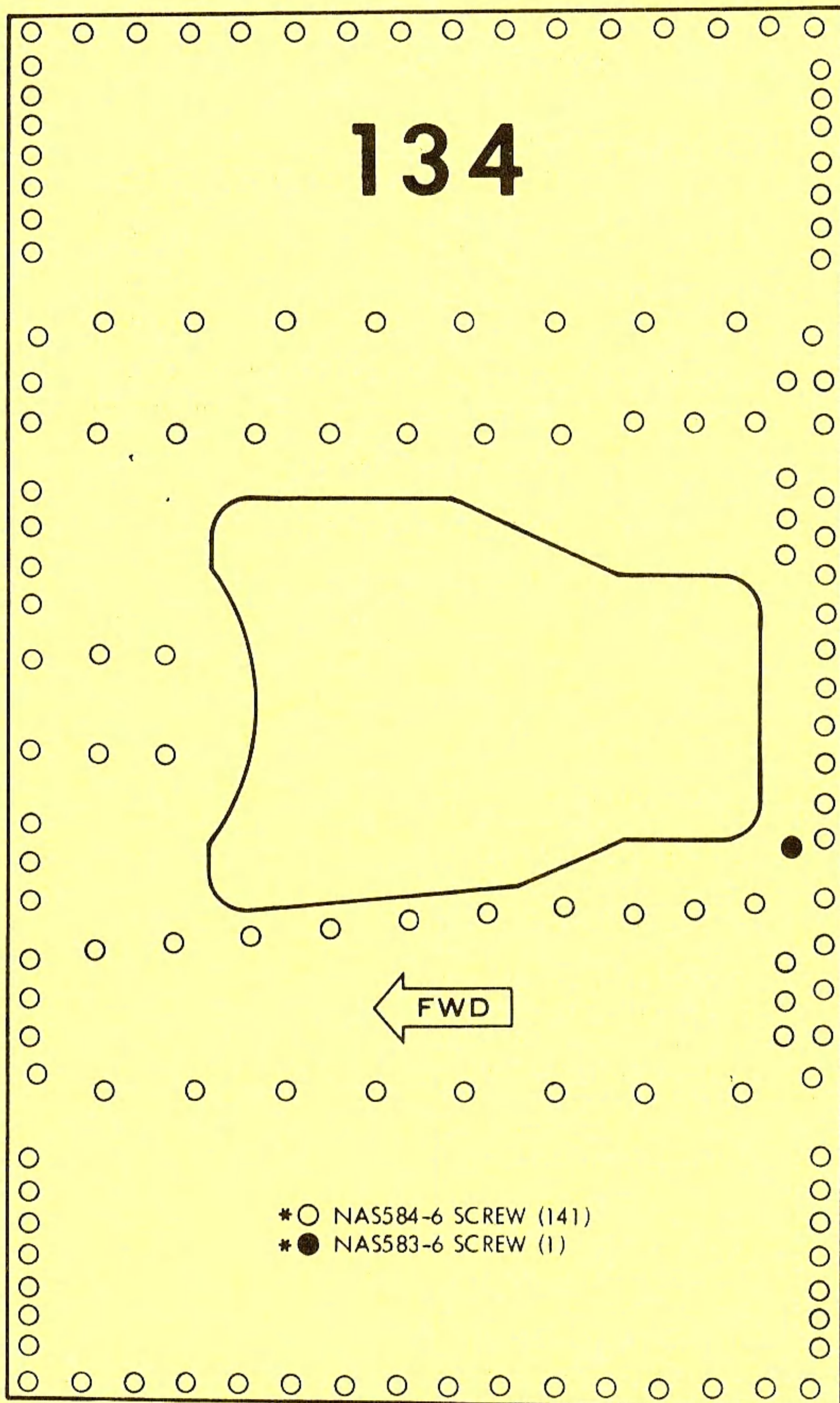
**NOTE**  
 SEE SHEET 1  
 FOR REFERENCE



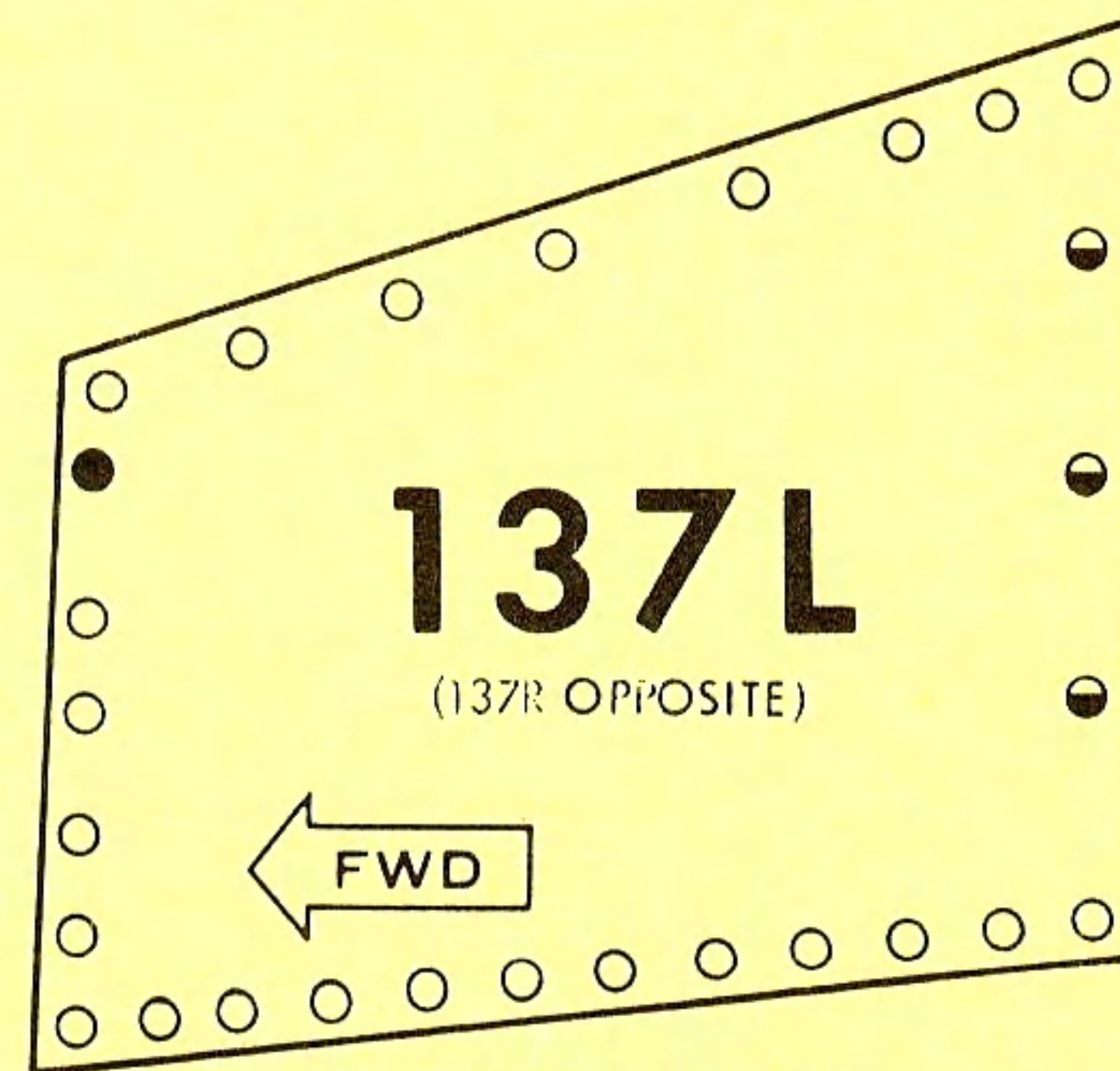
**DETAIL D-D**



**DETAIL E-E**



**DETAIL F-F**



**DETAIL G-G**

**NOTE**

SEE SHEET 1  
FOR REFERENCE

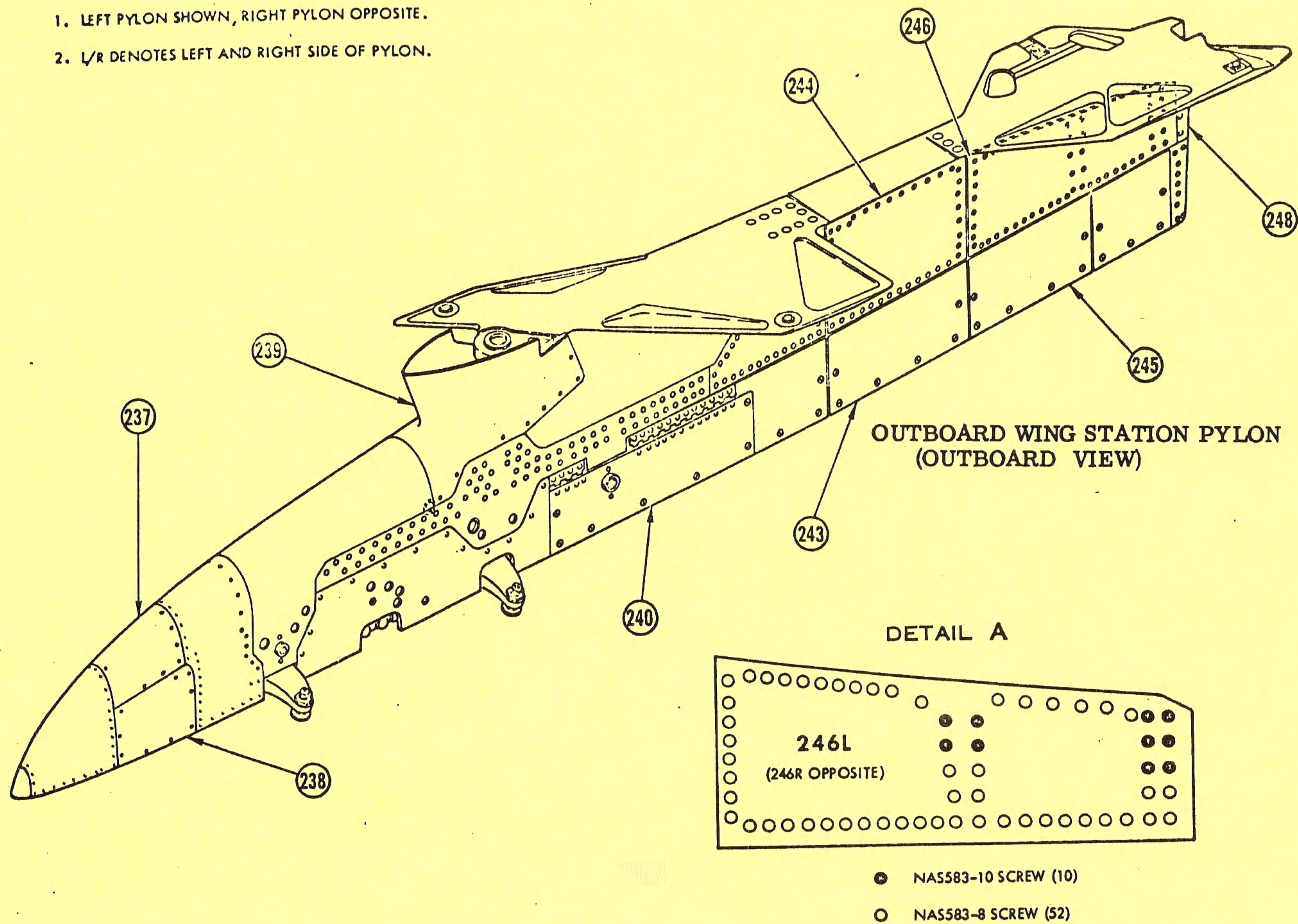


# EXTERNAL ACCESS DOORS (F-4D)

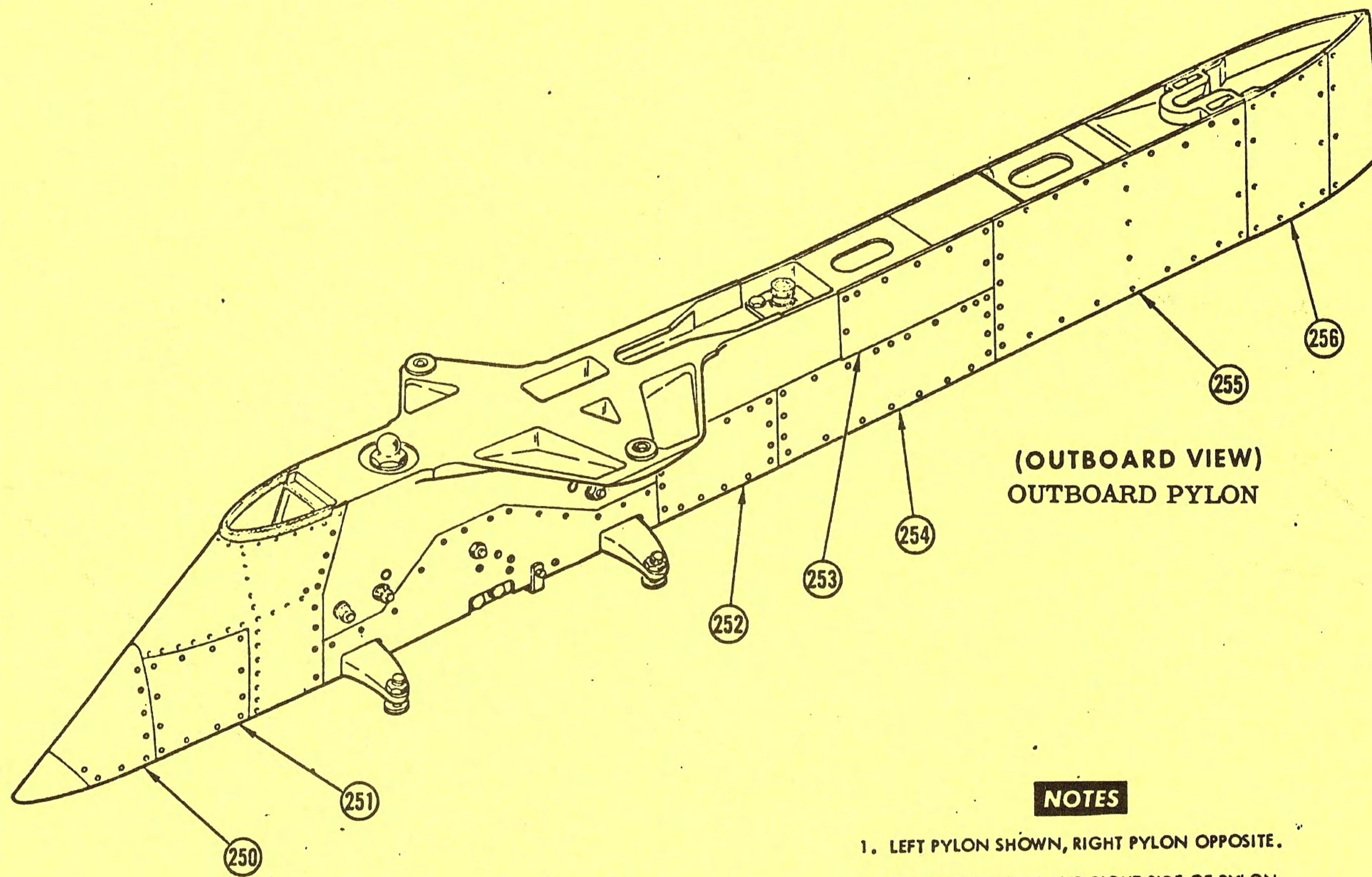
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## NOTES

1. LEFT PYLON SHOWN, RIGHT PYLON OPPOSITE.
2. L/R DENOTES LEFT AND RIGHT SIDE OF PYLON.



DOOR NO.	EQUIPMENT	DOOR FASTENERS
237	ELECTRICAL	NAS-583-5 SCREW (17)
238L/R	ELECTRICAL	AIRLOC FASTENERS (10)
239	FWD ATTACH BOLT & ELECTRICAL DISCONNECTS	NAS-584-7 SCREW (1) NAS-583-8 SCREW (13)
240L/R	ELECTRICAL SPECIAL WEAPONS	AIRLOC FASTENERS (7) (HINGED DOOR)
243L/R	TRANSFORMER RECTIFIER CONVENTIONAL WEAPONS	MILSON FASTENERS (6)
244L/R	RELAY PANEL SPECIAL WEAPONS	NAS-583-8 SCREW (35) NAS-584-13 SCREW (3)
245L/R	RELAY PANEL	AIRLOC FASTENERS (6)
246L/R	AGM-12C RELAY PANEL	SEE DETAIL A
248	AFT ATTACH BOLT	NAS-583-2 SCREW (6)



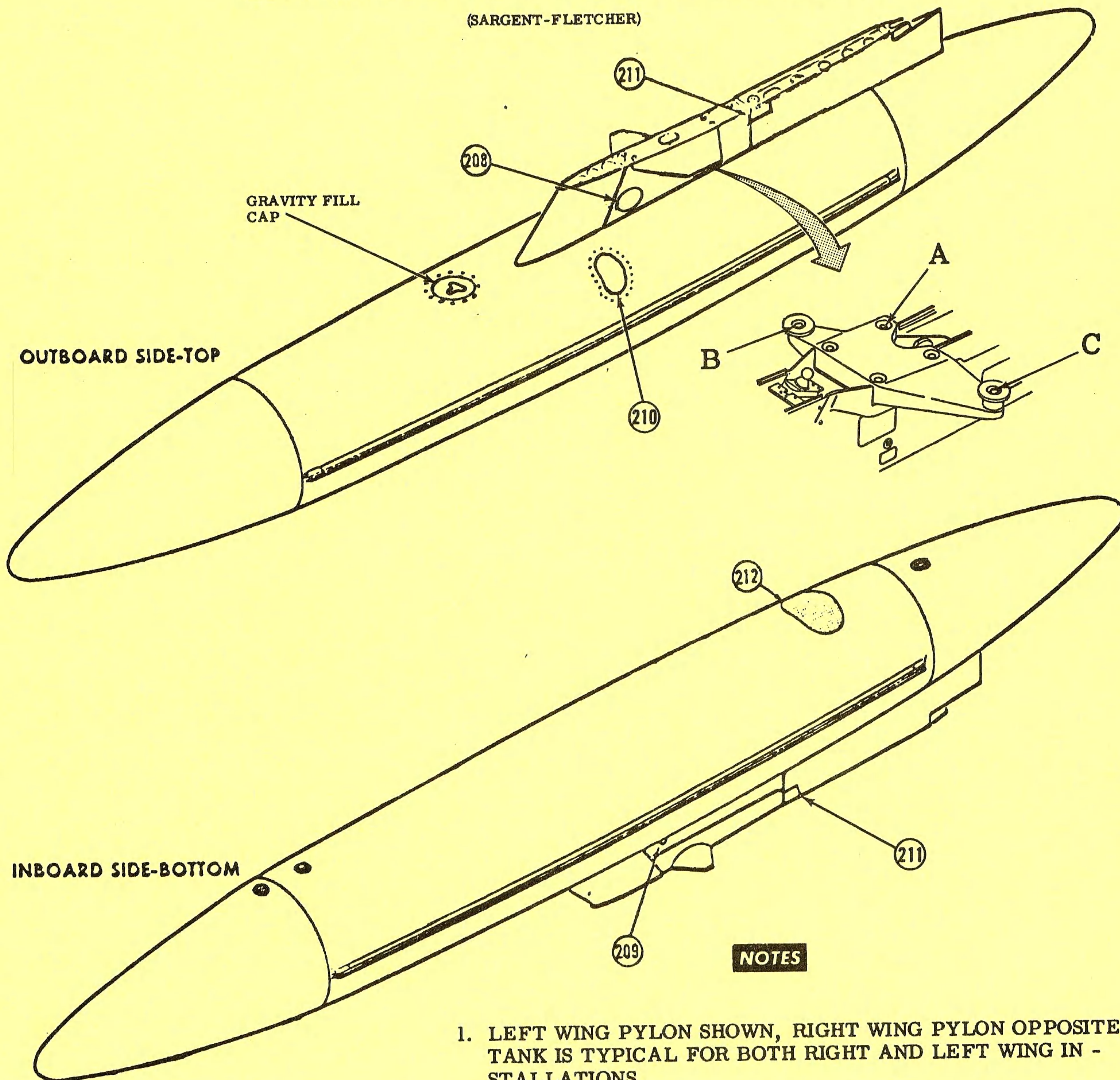
**NOTES**

1. LEFT PYLON SHOWN, RIGHT PYLON OPPOSITE.
2. L/R DENOTES LEFT AND RIGHT SIDE OF PYLON.

DOOR NO.	EQUIPMENT	DOOR FASTENERS
250	ELECTRICAL	NAS583-4 SCREW (16)
251L/R	ELECTRICAL	AIRLOC FASTENERS (12)
252L/R	CENTER ELECTRICAL PYLON FORWARD	NAS583-5 SCREW (16)
253L/R	ELECTRICAL DISCONNECT	NAS583-5 (8)
254L/R	AFT ELECTRICAL PYLON AFT ELECTRICAL DISCONNECT	AIRLOC FASTENERS (20)
255L/R	SPECIAL WEAPONS RELAY & TRANSFORMER RECTIFIER	AIRLOC FASTENERS (26)
256L/R	CONVENTIONAL WEAPONS RELAY PANEL	NAS-583-5 SCREW (13)

EXTERNAL WING FUEL TANK AND PYLON

(SARGENT-FLETCHER)



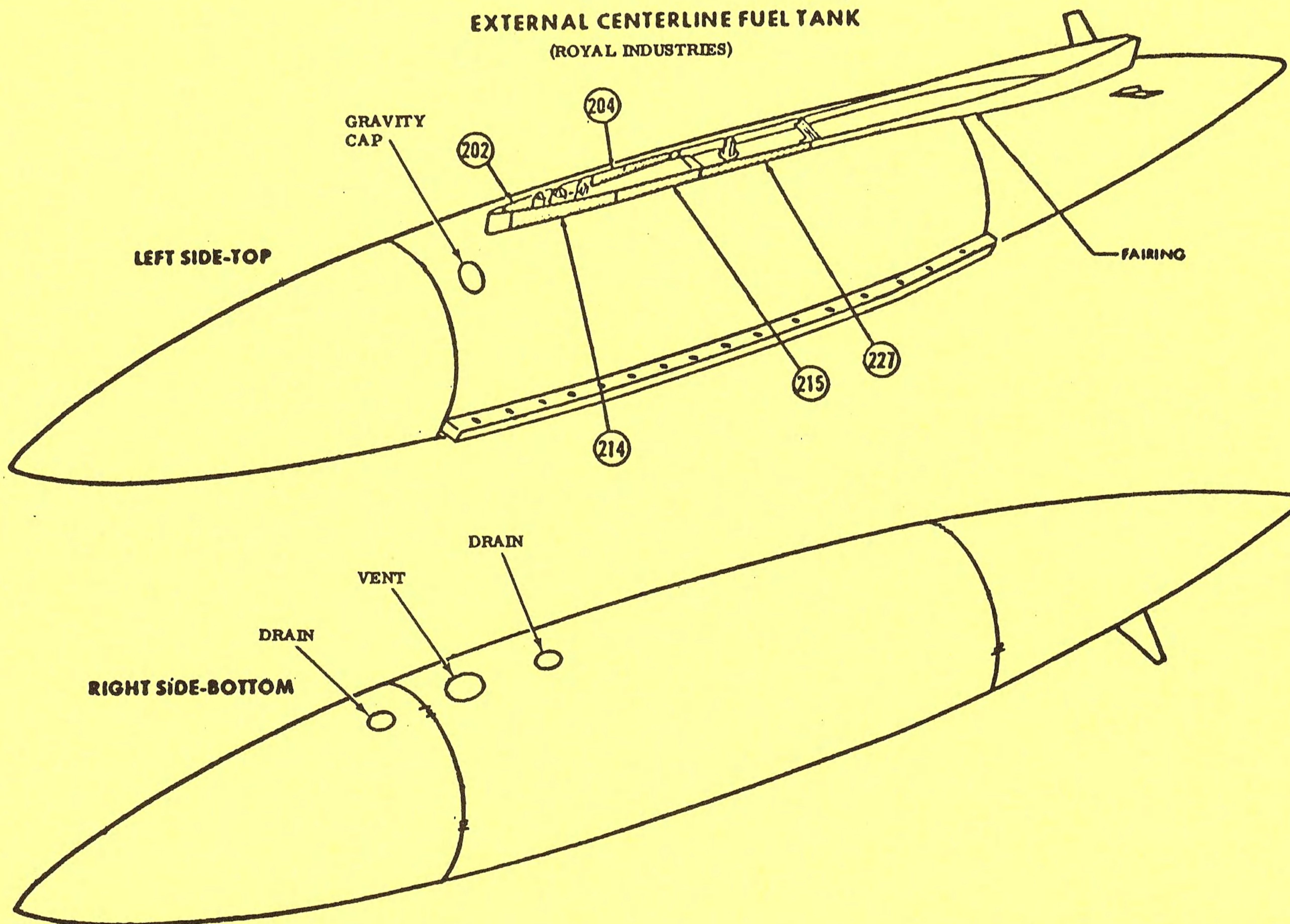
NOTES

1. LEFT WING PYLON SHOWN, RIGHT WING PYLON OPPOSITE. TANK IS TYPICAL FOR BOTH RIGHT AND LEFT WING INSTALLATIONS.
2. FOR ADDITIONAL INFORMATION ABOUT SARGENT-FLETCHER TANKS, SEE T.O. 6J14-2-18.3

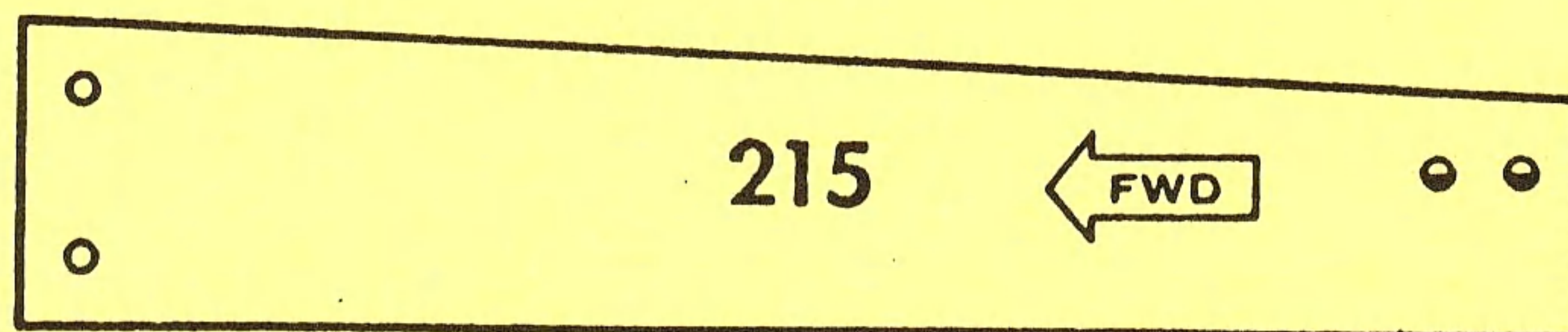
DOOR NO.	EQUIPMENT	DOOR FASTENERS
208 L & R	CARTRIDGE	AIRLOC FASTENERS (2)
209 L & R	FIRING PIN	AN509-10R9 SCREW (2)
210	PYLON MOUNT BOLTS	NAS 221-10 (12)
211 L & R	ADJUSTABLE BEARING PAD	AIRLOC FASTENERS (2)
212	FUEL AND AIR DISCONNECT FITTINGS	NAS 221-10 (12)
A	SWAY BRACE ATTACH BOLT	NAS 340CA23 (4)
B	PAD ATTACH SCREW	AN 509-416R27
C	PAD ATTACH SCREW	AN 509-416R13

# EXTERNAL ACCESS DOORS (F-4D)

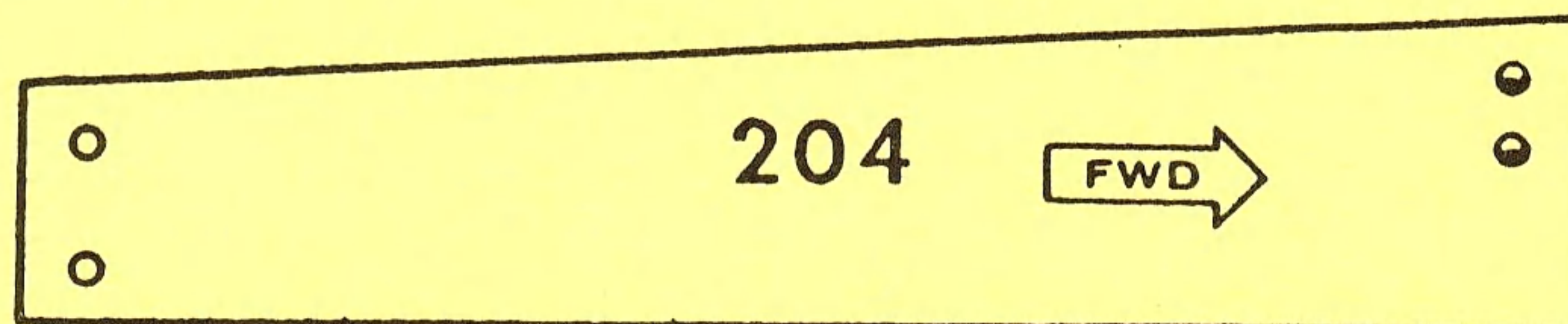
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DOOR NO.	EQUIPMENT	DOOR FASTENERS
202	FUEL, AIR, AND ELECTRICAL DISCONNECTS	AN509-10R7 SCREW (4)
204	EJECTION RACK ADJUSTMENT	SEE DETAIL
214	FUEL, AIR, AND ELECTRICAL DISCONNECTS	AN509-10R10 SCREW (4)
215	EJECTOR FOOT ADJUSTMENT	SEE DETAIL
227	AFT SUSPENSION LUG	AN509-10R6 SCREW (4)



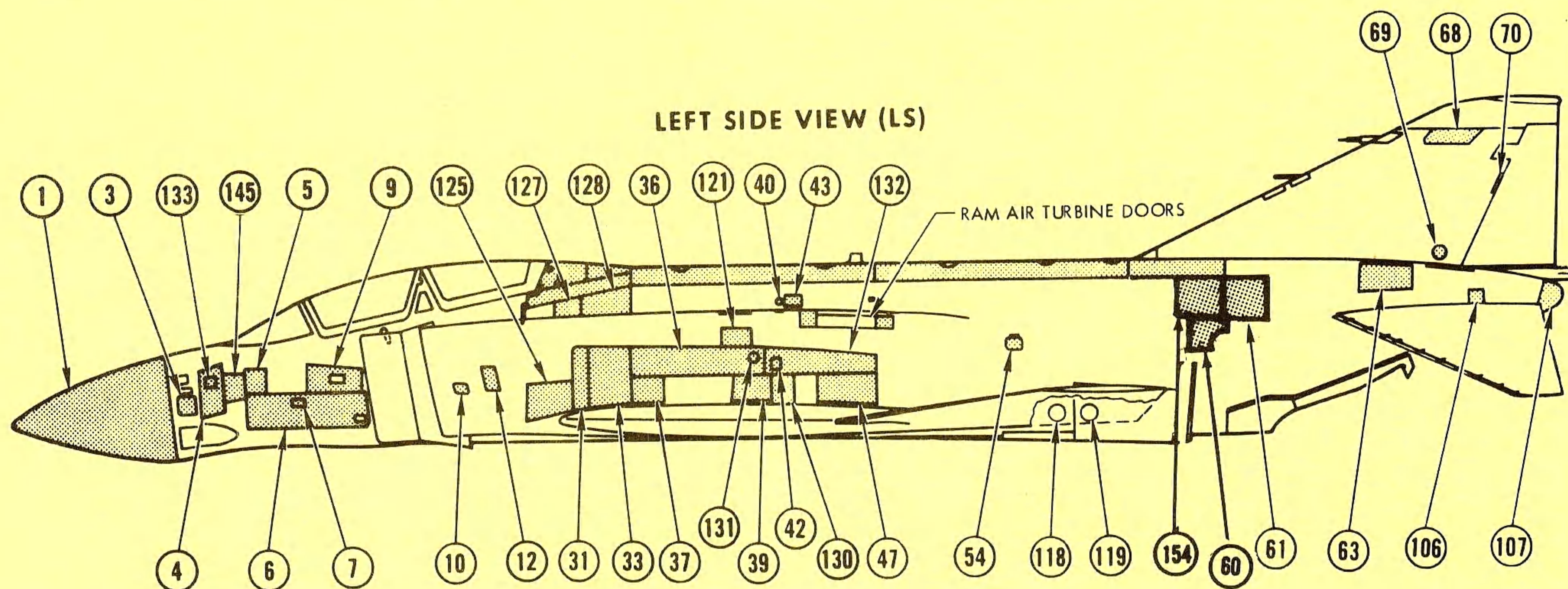
○ AN509-10R10 SCREW (2)  
● AN509-10R6 SCREW (2)



○ AN509-10R7 SCREW (2)  
● AN509-10R8 SCREW (2)

ISSUE DATE: 1 JANUARY 1966  
CHANGED: 1 MAY 1966

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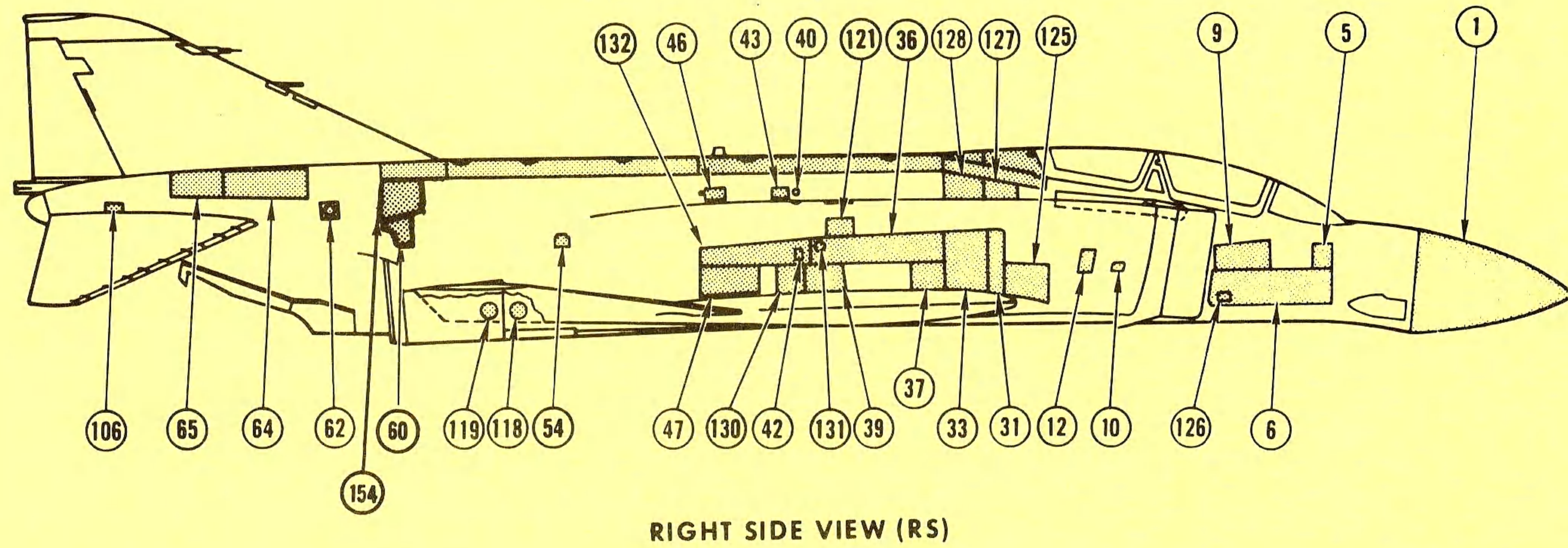


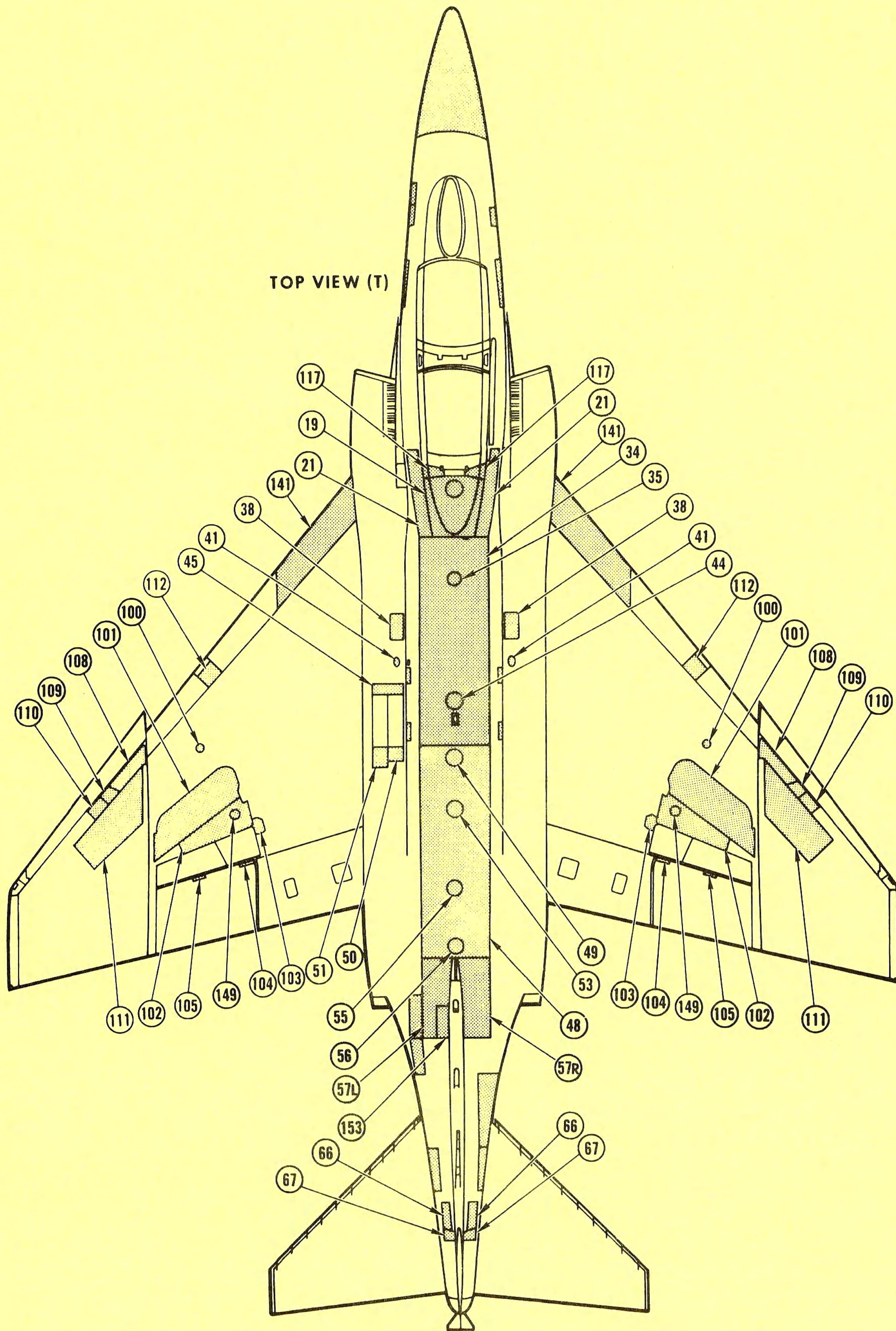
**CAUTION**

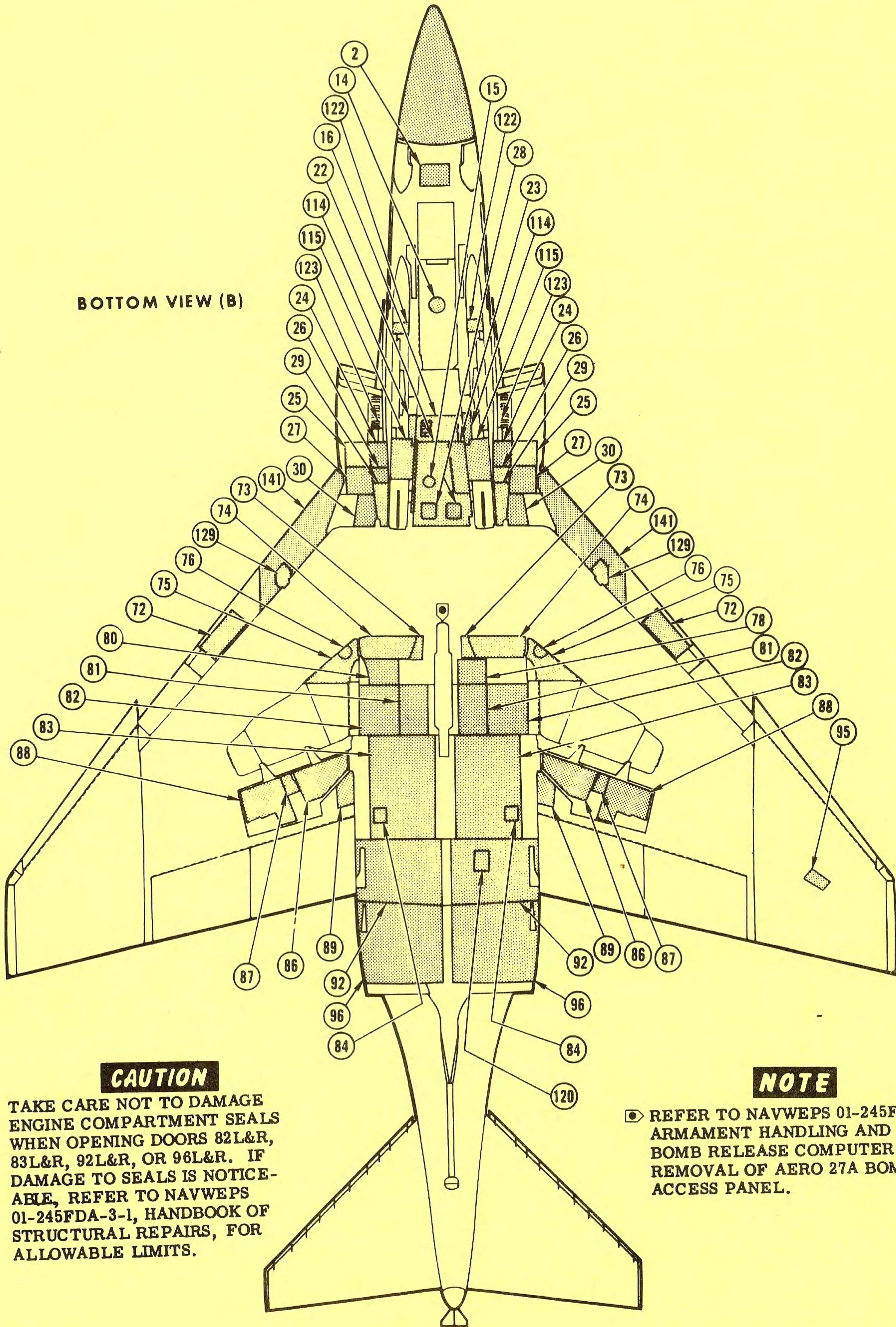
1. BEFORE FLIGHT, ALL FASTENERS ON ALL ACCESS DOORS MUST BE PROPERLY INSTALLED AND TIGHTENED. GUARD AGAINST ANY MISSING, DEFECTIVE, BROKEN, OR IMPROPERLY INSTALLED FASTENERS.
2. DURING REMOVAL OR INSTALLATION OF DOOR 36L & R AND DOORS 132 L & R, IT MAY BE NECESSARY TO JACK THE TAIL OF THE AIRCRAFT TO ALIGN THE DOORS. REFER TO TAIL JACKING PROCEDURE IN NAVWEPS 01-245FDB-2-1.1.

**NOTES**

1. COAT ALL REMOVABLE FASTENERS WITH MIL-C-16173 GRADE IV PRESERVATIVE PRIOR TO INSTALLATION.
2. ACCESS DOORS IDENTIFIED BY LETTERS WILL BE RE-IDENTIFIED WITH DOOR NUMBERS WHEN AVAILABLE.







BOTTOM VIEW (B)

**CAUTION**

TAKE CARE NOT TO DAMAGE ENGINE COMPARTMENT SEALS WHEN OPENING DOORS 82L&R, 83L&R, 92L&R, OR 96L&R. IF DAMAGE TO SEALS IS NOTICEABLE, REFER TO NAVWEPS 01-245FDA-3-1, HANDBOOK OF STRUCTURAL REPAIRS, FOR ALLOWABLE LIMITS.

**NOTE**

REFER TO NAVWEPS 01-245FDB-2-7, ARMAMENT HANDLING AND LOFT BOMB RELEASE COMPUTER SET FOR REMOVAL OF AERO 27A BOMB RACK ACCESS PANEL.

# EXTERNAL ACCESS DOORS (F-4J)

TDDR-50.0

DOOR NO.	EQUIPMENT	VIEW	DOOR FASTENERS	DOOR NO.	EQUIPMENT	VIEW	DOOR FASTENERS		
1	(a) RAIN REMOVAL NOZZLE (b) G-LIMITING ACCELEROMETER MX-3423/ASA-32D (c) <b>MCS/AWG-10</b>  (d) EMER. LANDING GEAR AIR BOTTLES (e) EMER. BRAKE AIR BOTTLES (f) RAMP CONTROL AMPLIFIER (g) ELECTRICAL SYSTEM AUTOTRANSFORMERS (h) EXTERIOR LIGHTS FLASHER (i) RADAR COOLANT PUMP (j) RADAR SET AN/APG-59 NOSE PACKAGE	LS RS	REFER TO RADOME OPENING PROCEDURE	19 **	(a) LAUNCH SIGNAL COMPUTER CP-857/APG-59 (b) PILOT COMMAND SIGNAL COMPUTER CP-858/APG-59 (c) VELOCITY SIGNAL COMPUTER CP-859/APG-59 (d) FREQUENCY AND LOAD CONTROL BOX (e) IFF ANTENNA (f) NO. 1 FUSELAGE FUEL CELL (g) EQUIPMENT COOLING SHELF	T	HINGED AIRLOC FASTENERS (49)		
2	(a) ADF ANTENNA	B	AN509-10R12 SCREW (43)	21 L&R	(a) STABILATOR AND RUDDER CONTROL BELLCRANK	T	AN509-10R13 SCREW (117)		
3	(a) ANGLE OF ATTACK TRANSMITTER	LS	AN509-10R9 SCREW (18)	22 **	(a) HYD SOLENOID-OPERATED SELECTOR VALVES MANIFOLE (b) HYD RESERVOIR (UTILITY) (c) AIR COMPRESSOR (HIGH PRESS. PNEUMATIC SYSTEM) (d) PRESS. TRANSMITTER (HIGH PRESS. PNEUMATIC SYSTEM) (e) CHEMICAL DRIERS (HIGH PRESS. PNEUMATIC AND ELECTRONIC EQUIP PRESSURIZATION SYSTEMS) (f) MOISTURE SEPARATOR (HIGH PRESS. PNEUMATIC SYSTEM) (g) NO. 1 FUSELAGE FUEL TANK (h) NO. 1 FUEL QUANTITY TANK UNIT (LOWER) AND COMPEN- SATOR (i) FUEL BOOST PUMPS (j) L & R ENGINE FUEL STRAINERS (k) L & R ENGINE SHUT-OFF VALVES (l) L & R WING TANK PRESS. REGULATOR (m) L & R WING TANK PRESS. VACUUM RELIEF VALVE (n) REFUELING SHUT-OFF VALVE (o) DEFUELING SHUT-OFF VALVE (p) EXTERNAL CENTERLINK TANK PRESS. REGULATOR (q) EXTERNAL CENTERLINE TANK FUEL FLOW SWITCHES (r) EXTERNAL CENTERLINE TANK SHUT-OFF VALVE (s) L & R WING FUEL LEVEL CONTROL VALVE (t) HYDRAULIC/FUEL RADIATORS (u) HYD FILTER (UTILITY SUB- SYSTEM RET) (v) RELIEF VALVE, UTILITY HYD SYSTEM (w) AIR FILTER (AIR COMPRESSOR AND EQUIP PRESS. SYSTEM) (x) SPEED BRAKE BY-PASS SELECTOR VALVE (y) ABSOLUTE PRESS. REGULATORS AIR COMPRESSOR AND EQUIP PRESS. SYSTEM (z) RELIEF VALVE, ELECTRONIC EQUIP PRESS. SYSTEM (aa) UTILITY HYD SYSTEM PRESS. TRANSMITTER, FUSE, AND SNUBBER.	LS	3MFR509-10R11 SCREW (49)	B	HINGED
4 **	(a) POWER SUPPLY PP-4551/APG-59 (b) MCS AN/AWG-10 ELECTRICAL CONNECTORS (c) RADAR LIQUID COOLANT LINES DISCONNECTS	LS	AN509-10R12 SCREW (42)	5R **	(a) EMERGENCY VENT VALVE (b) CAUTION LIGHTS CONTROL UNIT	RS	AN509-10R12 SCREW (42)		
5L	(a) OA-6822 DIRECTIONAL COUPLER	LS	AN509-10R15 SCREW (71)	6L	(a) EQUIPMENT REFRIGERATION UNIT (b) POWER DIVIDER	LS	AN509-10R15 SCREW (71)		
6R	(a) CABIN REFRIGERATION UNIT (b) POWER DIVIDER (c) CANOPY NORMAL PNEUMATIC SYSTEM PRESSURE REGULATOR (d) CANOPY NORMAL PNEUMATIC SYSTEM RELIEF VALVE	RS	AN509-10R11 SCREW (76) AN509-416R-13 SCREW (3)	7	(a) CANOPIES EXTERNAL JETTISON HANDLE	LS	HINGED H7200S1-LATCH		
7	(a) CANOPIES EXTERNAL JETTISON HANDLE	LS	AN509-10R-11 SCREW (76) AN509-416R-13 SCREW (3)	9L **	(a) THROTTLE QUADRANT (b) PILOT'S ANTI-G VALVE (c) LH CONSOLE ACCESS (d) THROTTLE QUADRANT TELESCOPIC UNIT (e) CANOPY SEAL BLEED AIR FILTER (f) RAM AIR TURBINE SELECTOR VALVE	LS	AN509-10R-11 SCREW (76) AN509-416R-13 SCREW (3)		
9R **	(a) TEMPERATURE CONTROL PANEL (b) CAUTION LIGHTS CONTROL UNIT (c) RH CONSOLE ACCESS	RS	AN509-10R-11 SCREW (76) AN509-416R-13 SCREW (3)	10L	(a) BELLMOUTH STATIC PORT LINE	LS	NAS333CFA5 BOLT (22)		
10L	(a) BELLMOUTH STATIC PORT LINE	LS	NAS333CFA5 BOLT (22)	10R	(a) BELLMOUTH STATIC PORT LINE	RS	NAS333CFA5 BOLT (22)		
10R	(a) BELLMOUTH STATIC PORT LINE	RS	NAS333CFA5 BOLT (22)	12L	(a) BELLMOUTH PITOT PROBE AND HEATER	LS	NAS333CFA-6-5 BOLT (41)		
12L	(a) BELLMOUTH PITOT PROBE AND HEATER	LS	NAS333CFA-6-5 BOLT (41)	12R	(a) BELLMOUTH PITOT PROBE AND HEATER	RS	NAS333CFA-6-5 BOLT (41)		
12R	(a) BELLMOUTH PITOT PROBE AND HEATER	RS	NAS333CFA-6-5 BOLT (41)	14	(a) LOWER TACAN ANTENNA	B	AN507B832R8 SCREW (24)		
14	(a) LOWER TACAN ANTENNA	B	9M142-400-5 ASSY. (1)	15	(a) HYD RESERVOIR FLUID LEVEL INDICATOR (UTILITY)	B	9M142-400-5 ASSY. (1)		
15	(a) HYD RESERVOIR FLUID LEVEL INDICATOR (UTILITY)	B	AIRLOC FASTENERS (17)	16	(a) CANOPY EMER. AIR BOTTLES AND PRESSURE GAGES (b) LIQUE OXYGEN CONVERTER (c) LIQUID OXYGEN FILLER, BUILD-UP AND VENT VALVE (d) PITOT STATIC DRAINS AND TEST FITTINGS (e) ADC FILTER, WATER TRAP AND TEST FITTING		AIRLOC FASTENERS (17)		
16	(a) CANOPY EMER. AIR BOTTLES AND PRESSURE GAGES (b) LIQUE OXYGEN CONVERTER (c) LIQUID OXYGEN FILLER, BUILD-UP AND VENT VALVE (d) PITOT STATIC DRAINS AND TEST FITTINGS (e) ADC FILTER, WATER TRAP AND TEST FITTING		23 **	(a) UTILITY HYD SYSTEM ACCUMU- LATOR GROUND AIR CHARGE VALVE AND PRESS GAGE (b) UTILITY HYD SYSTEM EXTERNAL POWER RECEPTACLES (PRESS., RETURN, AND RESERVOIR FILLER) (c) FUEL TANKS EXTERNAL PRES- SURIZATION AIR CONTROL (d) UTILITY SYSTEM RELIEF VALVE MANIFOLD	B	HINGED AIRLOC FASTENERS (13)			
19 **	(a) LAUNCH SIGNAL COMPUTER CP-857/APG-59 (b) PILOT COMMAND SIGNAL COMPUTER CP-858/APG-59 (c) VELOCITY SIGNAL COMPUTER CP-859/APG-59 (d) FREQUENCY AND LOAD CONTROL BOX (e) IFF ANTENNA (f) NO. 1 FUSELAGE FUEL CELL (g) EQUIPMENT COOLING SHELF	T	24 L&R	(a) (L) EMERG L G PRESS. OPERATED DUMP VALVE (b) (L) EXT PWR TRANS-RECTIFIER (c) (R) LOWER FUS LT TRANSFORMER (BRIGHT)	B	AN509-10R13 SCREW (33)			

### NOTES

\*\* DOORS WHICH MUST BE INSTALLED (OR REPLACED WITH STRESS FRAMES) TO ACCOMPLISH CERTAIN MAINTENANCE OPERATIONS. REFER TO "MINIMUM STRUCTURAL ACCESS DOOR REQUIREMENTS."

▲ DOORS HAVING FASTENERS OF THE SAME DIAMETER BUT WITH DIFFERENT LENGTHS AND REQUIRING INSTALLATION IN SPECIFIC HOLES, ARE ILLUSTRATED SEPARATELY ON SHEETS 9 THRU 17.



# EXTERNAL ACCESS DOORS (F-4J)

TDDR-50.0

DOOR NO.	EQUIPMENT	VIEW	DOOR FASTENERS
25 L&R	(a) STRUCTURE (b) (R) LOWER FUSELAGE LT. TRANSFORMER (DIM) (c) LOWER FUSELAGE LIGHT TRANSFORMERS (d) (L) AN/APN-141 RECEIVE ANTENNA (e) (R) AN/APN-141 TRANSMIT ANTENNA	B	AN509-10R15 SCREW (43)
26 L&R	(a) (L) EXT ELECT POWR RECEPTACLE (b) (R) GROUND REFUELING RECEPTACLE	B	HINGED AIRLOCK FASTENERS (7)
27 L&R	(a) (L) AN/APN-141 RECEIVER-TRANSMITTER, AND RF SWITCHING UNIT	B	AN509-10R13 SCREW (41) R AN509-10R13 SCREW (44) L
28 L&R	(a) (L & R) STRAINER REPLACEMENT ELBOW DRAIN (b) (L) NO. 1 FUS FUEL TANK MANUAL DRAIN (c) (R) HIGH PRESS. PNEUMATIC SYSTEM GROUND AIR CHARGE VALVE AND PRESS. GAGE (d) (L) HIGH PRESS. PNEUMATIC SYSTEM AIR COMPRESSOR OIL LEVEL SIGHT GAGE	B	HINGED AIRLOC FASTENERS (10)
29 L&R	(a) FWD MISSILE CAVITY AFT DOOR LINKAGE AND ATTACH SCREW	B	AN509-10R15 SCREW (41)
30L	(a) EMERGENCY FLAP AIR BOTTLE (b) LEADING EDGE BLC SHUT-OFF VALVE (c) EMERGENCY FLAP AIR BOTTLE	B	AN509-10R14 SCREW (37)
30R	(a) LEADING EDGE BLC SHUT-OFF VALVE (b) CANOPY NORMAL PNEUMATIC SYSTEM AIR BOTTLE	B	AN509-10R14 SCREW (37)
31L	(a) LANDING GEAR HYD LINES (b) BELLMOUTH HYD LINES	LS	AN509-10R12 SCREW (52)
31R	(a) LANDING GEAR HYD LINES (b) BELLMOUTH HYD LINES	RS	AN509-10R12 SCREW (52)
33L	(a) UTILITY SYSTEM HYDRAULIC ACCUMULATOR (b) BELLMOUTH CONTROLLER (c) LATERAL CONTROLS BELL-CRANK (d) BELLMOUTH SYSTEM PNEU. FILTER	LS	AN509-10R13 SCREW (107)
33R	(a) BELLMOUTH CONTROLLER (b) LATERAL CONTROLS BELL-CRANK (c) BELLMOUTH SYSTEM PNEU. FILTER	RS	AN509-10R13 SCREW (107)
34 **	(a) CONTROL CABLES (b) NO. 2 FUSELAGE FUEL TANK (c) NO. 3 FUSELAGE FUEL TANK (d) TRANSFER PUMP PRESS. SWITCH (e) TRANSFER LEVEL CONTROL VALVE (f) REFUELING LEVEL CONTROL VALVE (g) UPPER TACAN ANTENNA	T	3MFR333CFA11 BOLT (2) 3MFR334CFA6 BOLT (314)
35	(a) NO. 2 FUEL QUANTITY TANK UNIT AND LOW LEVEL SENSOR	T	NAS334CFA5-5 BOLT (16) 294347-5-8 SCREW (1)
36L **	(a) PC I HYDRAULIC SYSTEM FUSE AND SNUBBER (b) PC I HYDRAULIC PRESSURE SWITCH (c) UTILITY HYDRAULIC PRESSURE FILTER	LS	▲
36R **	(a) PC II HYDRAULIC SYSTEM FUSE AND SNUBBER (b) PC II HYDRAULIC PRESSURE SWITCH (c) UTILITY HYDRAULIC PUMPS CASE DRAIN DUAL FILTER	RS	▲

### NOTES

\*\* DOORS WHICH MUST BE INSTALLED OR REPLACED WITH STRESS FRAMES TO ACCOMPLISH CERTAIN MAINTENANCE OPERATIONS. REFER TO "MINIMUM STRUCTURAL ACCESS DOOR REQUIREMENTS."

DOOR NO.	EQUIPMENT	VIEW	DOOR FASTENERS
37L	(a) LATERAL CONTROLS BELL-CRANK (b) MISC HYD LINES (c) PC-I HYDRAULIC PRESSURE TRANSMITTER	LS	▲
37R	(a) LATERAL CONTROLS BELLCRANK (b) MISC HYD LINES ACCESS (c) PC-II HYDRAULIC PRESSURE TRANSMITTER	RS	▲
38 L&R	(a) BELLMOUTH BELLCRANK	T	NAS333CFA5-5 BOLT (27) NAS334CFA6-5 BOLT (24)
39L	(a) BELLMOUTH BELLCRANK (b) LATERAL CONTROLS BELLCRANK	LS	▲
39R	(a) BELLMOUTH BELLCRANK (b) LATERAL CONTROLS BELLCRANK	RS	▲
40L	(a) FORWARD TOP ENGINE MOUNT	LS	9M142-250-5 ASSY (1)
40R	(a) FORWARD TOP ENGINE MOUNT	RS	9M142-250-5 ASSY (1)
41 L&R	(a) FWD. TOP ENG. MOUNT INSPECTION	T	9M142-350-5 ASSY (1)
42L	(a) FORWARD SIDE ENGINE MOUNT	LS	NAS333CFA5 BOLT (3)
42R	(a) FORWARD SIDE ENGINE MOUNT	RS	294346-5-8 BOLT (1)
43L	(a) HYDRAULIC LINES	LS	NAS333CFA5 BOLT (26)
43R **	(a) HYDRAULIC LINES	RS	NAS333CFA5 BOLT (26)
44	(a) NO. 3 FUEL QUANTITY TANK UNIT	T	NAS334CFA5-5 BOLT (15) 294347-5-8 SCREW (1)
45 **	(a) EMERGENCY HYDRAULIC PRESSURE REGULATOR (b) RAM AIR TURBINE DOOR MECHANISM (c) RAM AIR TURBINE PNEUMATIC SEQUENCE VALVES	T	NAS333CFA5 BOLT (61)
46 **	(a) HYDRAULIC LINES (b) PITOT LINE DRAIN	RS	▲
47L	(a) LATERAL CONTROLS BELLCRANK	LS	NAS333CFA5-5 BOLT (65) NAS334CFA6 BOLT (2)
47R	(a) LATERAL CONTROLS BELLCRANK	RS	NAS333CFA5-5 BOLT (63) NAS334CFA6 BOLT (2)
48 **	(a) CONTROL CABLES (b) NO. 4 FUSELAGE FUEL TANK (c) NO. 5 FUSELAGE FUEL TANK (d) NO. 6 FUSELAGE FUEL TANK (e) HYD. OPERATED FUEL TRANSFER PUMPS (f) ELEC. OPERATED FUEL TRANSFER PUMPS (g) TRANSFER PUMP PRESS. SWITCHES (h) FUSELAGE FUEL TANK PRESS. REGULATOR (i) REFUELING LEVEL CONTROL VALVE (j) AIR FLOW REGULATOR (k) FUSELAGE FUEL TANKS PRESS. VACUUM RELIEF VALVE	T	3MFR334CFA6 BOLT (268)
49	(a) FUEL TRANS PUMPS HYD SELECTOR VALVE	T	NAS334CFA5-5 BOLT (17) 294347-5-8 SCREW (1)
50 **	(a) RAM AIR TURBINE ACTUATOR	T	NAS333CFA5 BOLT (18) 294346-5-8 SCREW (1)
51 **	(a) RAM AIR TURBINE EMERGENCY GENERATOR (b) RAM AIR TURBINE ACTUATOR	T	NAS333CFA5 BOLT (37)
53	(a) NO. 4 FUEL QUANTITY TANK UNIT	T	NAS334CFA5-5 BOLT (17) 294347-5-8 SCREW (1)
54L	(a) OUTBD UPPER TANGENTIAL ENG MOUNT BRACE	LS	AIRLOC FASTENERS (6)

▲ DOORS HAVING FASTENERS OF THE SAME DIAMETER BUT WITH DIFFERENT LENGTHS AND REQUIRING INSTALLATION IN SPECIFIC HOLES, ARE ILLUSTRATED SEPARATELY ON SHEETS 9 THRU 17.

ISSUE DATE: 15 APRIL 1966

0.1.6 (5 OF 19)

# EXTERNAL ACCESS DOORS (F-4J)

TDDR-50.0

DOOR NO.	EQUIPMENT	VIEW	DOOR FASTENERS	DOOR NO.	EQUIPMENT	VIEW	DOOR FASTENERS
54R	(a) OUTBD UPPER TANGENTIAL ENG MOUNT DISC	RS	AIRLOC FASTENERS (6)	73 L&R	(a) ENGINE DISCONNECTS-HYDRAULIC PUMP LINES	B	HINGED AIRLOC FASTENERS (27)
55	(a) NO. 5 FUEL QUANTITY TANK UNIT	T	NAS334CFA5-5 BOLT (17) 294347-5-8 SCREW (1)	74 L&R	(b) ENGINE DISCONNECTS-FORWARD DRAIN LINES		
56	(a) NO. 6 FUEL QUANTITY TANK UNIT	T	NAS334CFA6 BOLT (17) 294347-5-8 SCREW (1)	**	(c) (L) EXTERNAL STORES AIR AND FUEL DISCONNECTS		
61	(a) ARRESTING GEAR CYLINDER (b) STABILATOR FEEL SYSTEM (c) TRIM ACTUATOR RELAY PANEL (d) RUDDER FEEL SYS SELECTOR VALVE	LS	AN509-416R13 SCREW (55)		(d) EXTERNAL STORES FWD SWAY BRACES		
62	(a) ARRESTING GEAR HYDRAULIC OIL SERVICING AND AIR CHARGE VALVE AND PRESSURE GAGE	RS	HINGED AIRLOC FASTENERS (2)		(e) (L) SPECIAL STORES WIRING ACCESS		
63	(a) HYD FILTER (PC I STAB. PWR CYL) (b) STABILATOR POWER CYLINDER (c) HYD FILTER (UTILITY SYS-RUDDER POWER SYBSYSTEM) (d) RUDDER FEEL SYSTEM (e) ARI HYDRAULIC SERVO	LS	AN509-416R13 SCREW (60) AN509-516R12 SCREW (2)		(f) (L) PC-I AND UTILITY HYDRAULIC PUMPS		
64	(a) PC II HYDRAULIC FILTER (b) UTILITY HYDRAULIC FILTER (c) STABILATOR FEEL TRIM BALANCE ASSY (d) DRAG CHUTE PULLEYS AND CABLES (e) ARRESTING HOOK PULLEYS AND CABLES (f) AILERON-RUDDER INTERCONNECT CONTROL AMPLIFIER (g) STABILATOR CONTROL TORQUE TUBE AND CABLES (h) STABILATOR VISCOUS DAMPER (i) STABILATOR FEEL TRIM ACTUATOR AND RELAY PANEL (j) STABILATOR FORCE LINK COMPONENTS	RS	AN509-416R13 SCREW (84)		(g) TRANSFER GEARBOX SCAVENGE PUMP		
65	(a) RUDDER FEEL SYSTEM (b) STABILATOR POWER CYLINDER	RS	AN509-416R13 SCREW (60) AN509-516R12 SCREW (2)		(h) EXTERNAL TANK FUEL FLOW SWITCHES		
66 L&R	(a) (R) RUDDER DAMPER (b) (L) RUDDER ACTUATOR (c) ARI HYDRAULIC SERVO	T	NAS334CFA6 BOLT (23) NAS335CFA10 BOLT (8)		(i) WING FUEL TRANSFER LOW LEVEL VALVE		
67 L&R	(a) (R) RUDDER DAMPER (b) (L) RUDDER ACTUATOR (c) RUDDER COUNTERBALANCE WEIGHT (d) RUDDER POSITION TRANSMITTER	T	NAS333CFA5 BOLT (12) NAS334CFA7 BOLT (3)		(j) OA-6822 POWER DIVIDER		
68	(a) UHF COMMUNICATIONS ANTENNA (b) TAIL LIGHT TRANSFORMER	LS	AN509-10R13 SCREW (39)		(k) FUEL BOOST PUMP		
69	(a) RUDDER ACTUATOR ATTACH BOLT (b) RUDDER DAMPER ATTACH BOLT	LS	AN509-10R10 SCREW (8)		(l) UTILITY HYDRAULIC PRESSURE SWITCH		
70	(a) RUDDER ROTARY DAMPER	LS	AN509-10R9 SCREW (3)		(m) FUEL BOOST PUMP PRESSURE TRANSMITTER		
72 L&R **	(a) LEADING EDGE FLAP ACTUATOR (b) CENTER LE FLAP UP LIMIT SWITCH	B	▲		(n) (R) EXTERNAL STORE PULL ROD FITTING AND ELECTRICAL DISCONNECT		
				75 L&R **	(a) INTERMEDIATE FUEL QUANTITY UNIT (b) (L) HYD FILTER (PC I RETURN) (c) (R) HYD FILTER (PC II RETURN) (d) (L) PC I SYSTEM ACCUMULATOR AND RESERVOIR IN-LINE RELIEF VALVE (e) (R) PC II SYSTEM ACCUMULATOR (f) (L) PC I RESERVOIR (g) (R) PC II RESERVOIR (h) (R) RA PSEUDO SIGNAL HORN (i) (L) LA PSEUDO SIGNAL HORN (j) MAIN GEAR DOOR CLOSE LIMIT SWITCH	B	HINGED AIRLOC FASTENERS (12)
				76 L&R	(a) (L) PC-I RESERVOIR FLUID LEVEL INDICATOR (b) (R) PC-II RESERVOIR FLUID LEVEL INDICATOR	B	HINGED AIRLOC FASTENERS (3)
				78	(a) LEFT ENGINE DISCONNECTS-HYDRAULIC PUMP LINE (b) LEFT ENGINE DISCONNECTS-FORWARD DRAIN LINES (c) TACHOMETER GENERATOR (d) FORWARD BOMB RACK HOOK SEAR (e) BOMB RACK SUPPORT PIN (f) LEFT ENGINE MAIN FUEL PUMP	B	HINGED AIRLOC FASTENERS (13)
				80 **	(a) ENGINE ACCESSORIES	B	HINGED AIRLOC FASTENERS (14)
				81L	(a) ENGINE OIL SERVICING (3) (b) ENGINE FUEL CONTROL THROTTLE (c) ENGINE MAIN FUEL PUMP (d) TACHOMETER GENERATOR (e) ENGINE FUEL FLOW TRANSMITTER (f) AUXILIARY AIR DOOR ACTUATOR (g) AUXILIARY AIR DOOR SELECTOR VALVES (h) AFT 30" RACK HOOK SEAR (i) EXTERNAL STORES ELECTRICAL ACCESSORIES (j) EXTERNAL STORES BOMB RACK BREECH (k) EXTERNAL STORES AFT SWAY BRACE (l) ENGINE VARIABLE STATOR ACTUATOR	B	HYDRAULICALLY ACTUATED AUXILIARY ENGINE AIR DOOR.  HINGED-NO FASTENERS.

**NOTES**

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- ▲ DOORS HAVING FASTENERS OF THE SAME DIAMETER BUT WITH DIFFERENT LENGTHS AND REQUIRING INSTALLATION IN SPECIFIC HOLES, ARE ILLUSTRATED SEPARATELY ON SHEETS 9 THRU 17.

# EXTERNAL ACCESS DOORS (F-4J)

TDDR-50.0

DOOR NO.	EQUIPMENT	VIEW	DOOR FASTENERS
81R	(a) ENGINE ELECTRICAL DISCONNECT (b) ENGINE OIL SERVICING (c) ENGINE FUEL CONTROL THROTTLE (d) ENGINE MAIN FUEL PUMP (e) ENGINE VARIABLE STATOR ACTUATOR (f) AUXILIARY AIR DOOR ACTUATOR (g) BOMB RACK MANUAL RELEASE (h) BOMB RACK SAFETY PIN (i) EXTERNAL STORES AFT SWAY BRACE (j) CSD AND ENGINE OIL FILTER (k) TEMP AMPLIFIER (l) A B FUEL FILTER (m) ENGINE TORQUE BOOSTER (n) A B FUEL PUMP	B	HYDRAULICALLY ACTUATED AUXILIARY ENGINE AIR DOOR HINGED-NO FASTENERS
82 L&R **	(a) ENGINE FUEL FLOW TRANSMITTER (R) (b) ENGINE A C GENERATOR ELECTRIC CONNECTIONS (c) ENGINE ELECTRICAL DISCONNECTS (L) (d) AUXILIARY AIR DOOR ACTUATOR (e) GENERATOR AND CONSTANT SPEED DRIVE UNIT (f) ENGINE AND CSD OIL FILTER (L) (g) ENGINE MAIN AND A B FUEL PUMP (h) TEMP AMPLIFIER (L) (i) A B FUEL FILTER (L) (j) ENGINE TORQUE BOOSTER (k) FUEL FLOW TRANSMITTER	B	HINGED AIRLOC FASTENERS (5) NAS464P5A4 BOLT (1) NAS464P5LA5 BOLT (1) ACCESSIBLE THROUGH DOOR 81 L & R
83 L&R **	(a) (L) FUEL BOOST PUMP PRESSURE TRANSMITTER (b) ENGINE MAIN AND AFTER BURNER FUEL CONTROL (c) ENGINE NOZZLE AREA CONTROL (d) ENGINE NOZZLE ACTUATOR PUMP (e) ENGINE SCAVENGE OIL PUMP (f) ENGINE MAIN OIL PUMP (g) ENGINE SUMP PRESSURIZING VALVE (h) ENGINE SCAVENGE OIL FILTER (i) ENGINE MAIN SPARK PLUG (j) ENGINE OIL PRESSURE TRANSMITTER (k) (R) TACHOMETER GENERATOR (l) (L) LATERAL CONTROL FEEL TRIM MOTOR (m) VARIABLE STATOR ACTUATOR (n) A B FUEL PRESSURIZING VALVE (o) MAIN FUEL PRESSURIZING AND DRAIN VALVE	B	HINGED AIRLOC FASTENERS (28)  NOTE 16 AIRLOC FASTENERS ARE LOCATED BEHIND THE AFT MISSILE RACK. REFER TO NAVWEPS 01-245FDB-2-7, ARMAMENT HANDLING, FOR MISSILE RACK REMOVAL.
84 L&R	(a) LAUNCHER SAFETY PIN (b) LAUNCHER CARTRIDGE ACCESS (c) LAUNCHER MANUAL RELEASE (d) AERO 27A SEAR INDICATOR (e) STRAY VOLTAGE TEST (f) UMBILICAL PLUG ACCESS	B	HINGED AIRLOC FASTENERS (5)
86 L&R **	(a) HYD FILTER (UTILITY SYSTEM-LATERAL SERIES SERVO) (b) (L) ACCUMULATOR RESERVOIR (c) (L) HYD SELECTOR VALVE (TE FLAPS) (d) (L) HYDRAULIC FLOW EQUALIZER (TE FLAPS) (e) SPRING CARTRIDGES AND SCREW JACK ACTUATOR	B	▲
87 L&R **	(a) TRAILING EDGE FLAPS CONTROLS ACCESS	B	▲

### NOTES

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DOOR NO.	EQUIPMENT	VIEW	DOOR FASTENERS
88 L&R **	(a) HYDRAULIC FILTERS (2) PC I (b) HYDRAULIC FILTERS (2) PCII (c) TRAILING EDGE FLAP ACTUATORS AND SHUTTLE VALVES (d) WING TRIM TRANSMITTER (e) SPOILER SERVO VALVE (f) TE FLAP UP LIMIT SWITCH (g) TE FLAP 1/2 UP LIMIT SWITCH	B	▲
89 L&R	(a) ELECTRONICS ACCESS (b) (L) PITCH RATE GYRO (c) YAW RATE GYRO (d) (L) TRIM CUTOUT ACCELEROMETER (e) (L) AIRCRAFT ACCELEROMETER (f) TE FLAP 1/2 UP LIMIT SWITCH (g) TRAILING EDGE BLC LIMIT SWITCH	B	* NAS584-6 BOLT (41)
92 L&R **	(a) EXTERNAL STORES FIN RESTRAINT (b) AFT MAIN ENGINE MOUNT (c) LOWER TANGENTIAL ENGINE MOUNT (d) ENGINE AFTERBURNER SPARK PLUG (e) ENGINE PILOT BURNER (f) IMPINGEMENT STARTING CHECK VALVE	B	HINGED 32-32518-3 BOLT (3) DOORS 83 AND 96 MUST BE OPENED FIRST
95	(a) AN/AJB-3 REMOTE COMPASS TRANSMITTER	B	HT3N5 BOLT (36) CAUTION USE ONLY HT3N5 BOLTS OR AUTHORIZED NON-MAGNETIC SUBSTITUTES.
96 **	(a) ENGINE NOZZLE ACTUATORS (b) OA-6822 REAR SIGNAL HORN (c) (R) PITOT SYSTEM DRAIN	B	HINGED 32-32517-3 BOLT (4) AIRLOC FASTENERS (11)
100 L&R	(a) OUTBOARD WING PYLON ATTACH MECHANISM	T	AN509-416R19 SCREW (1)
101 L&R **	(a) CONTROLS LINKAGE (b) OUTBD FUEL QUANTITY TANK UNIT (c) WING TANK TRANSFER-LOW LEVEL SHUTOFF VALVE (d) WING TANK FUEL DUMP VALVE (e) EXTERNAL WING TANK FUEL SHUTOFF VALVE (f) EXTERNAL WING TANK FUEL DISCONNECT (g) EXTERNAL WING TANK PRESS. REGULATOR (h) EXTERNAL WING TANK PRESS. VACUUM RELIEF VALVE (i) EXTERNAL WING TANK AIR DISCONNECT (j) SPOILER ACTUATOR (l) WING FOLD SELECTOR VALVE (m) WING FOLD PIN VALVE SELECTOR VALVE	T	▲
102 L&R **	(a) SPOILER ACTUATOR (b) AILERON DAMPER (c) AILERON ACTUATOR	T	▲
103 L&R	(a) SPOILER HINGE PIN REMOVAL ACCESS	T	* NAS584-10 BOLT (19)
104 L&R	(a) AILERON POWER CYLINDER	T	HINGED AN509-10R10 SCREW (6)
105 L&R	(a) AILERON VISCOUS DAMPER (b) AILERON ACTUATOR	T	AN509-10R8 SCREW (6)
106L	(a) DRAG CHUTE MECHANISM	LS	AIRLOC FASTENERS (4)
106R	(a) DRAG CHUTE MECHANISM	RS	AIRLOC FASTENERS (4)
107	(a) DRAG CHUTE	LS	MECHANICALLY ACTUATED DRAG CHUTE DOOR HINGED 32-33267 LATCH ASSY.
108 L&R **	(a) BOUNDARY LAYER CONTROL DUCTING	T	▲

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0.1.6 (7 OF 19)

ISSUE DATE: 15 APRIL 1966

# EXTERNAL ACCESS DOORS (F-4J)

TDDR-50.0

DOOR NO.	EQUIPMENT	VIEW	DOOR FASTENERS
109 L&R **	(a) OUTER WING LEADING EDGE FLAP BELLCRANK AND LINKAGE (b) ATTACH POINT, BELLCRANK TO LEADING EDGE FLAP	T	▲
110 L&R **	(a) OUTBOARD LEADING EDGE FLAP SHUTTLE VALVE	T	*NAS583-5 BOLT (23) *NAS584-6 BOLT (1)
111 L&R **	(a) OUTER WING LEADING EDGE FLAP ACTUATOR (b) BOUNDARY LAYER CONTROL DUCTING (c) OUTBOARD LE FLAP UP LIMIT SWITCH	T	▲
112 L&R **	(a) FLAP ACTUATOR AND LINKAGE	T	▲
114 L&R	(a) AERO 7A LAUNCHER 1. BREECH CHAMBERS 2. SAFETY PIN 3. MANUAL RELEASE NUT 4. SEAR INDICATOR 5. UMBILICAL PLUG 6. STRAY VOLTAGE TEST	B	AIRLOC FASTENERS (8)
115 L&R	(a) FORWARD CAVITY-AFT DOOR HYDRAULIC ACTUATOR (b) AFT DOOR LINKAGE	B	▲
117 L&R	(a) AFT CANOPY HINGE BOLTS	T	AN509-10R13 SCREW (24) NAS334CFA5 BOLT (2)
118L	(a) COAXIAL CABLE CONNECTOR	LS	9M142-400-5 ASSY (1)
118R	(a) COAXIAL CABLE CONNECTOR	RS	9M142-400-5 ASSY (1)
119L	(a) COAXIAL CABLE CONNECTOR	LS	9M142-400-5 ASSY (1)
119R	(a) COAXIAL CABLE CONNECTOR	RS	9M142-400-5 ASSY (1)
120	(a) IMPINGEMENT STARTING RECEPTACLE (b) 28V DC REMOTE CONTROL CABLE RECEPTACLE (c) 28V DC STARTING SYSTEM FUSE	B	HINGED AIRLOC FASTENERS (8)
121L	(a) BYPASS BELLMOUTH ACTUATOR	LS	NAS334CFA11 BOLT (38)
121R	(a) BYPASS BELLMOUTH ACTUATOR	RS	NAS334CFA11 BOLT (38)
122 L&R	(a) GENERATOR CONTROL PANEL	B	AN509-10R13 SCREW (59) AN509-416R9 SCREW (1)
123 L&R	(a) AFT RAMP HINGE PIN	B	NAS333CFA6-5 BOLT (17)
125L	(a) ELECTRICAL	LS	AN509-10R10 SCREW (68)
125R	(a) ELECTRICAL	RS	AN509-10R10 SCREW (68)
126	(a) RADOME TIE-DOWN CABLE	RS	HINGED H720051 LATCH
127L **	(a) STRUCTURE (b) REFUELING LEVEL CONTROL VALVE	LS	AN509-10R12 SCREW (46)
127R **	(a) STRUCTURE (b) TRANSFER LEVEL CONTROL VALVE	RS	AN509-10R12 SCREW (46)
128L **	(a) STRUCTURE	LS	AN509-10R12 SCREW (75)
128R **	(a) STRUCTURE (b) NO. 1 UPPER FUEL QUANTITY TANK UNIT	RS	AN509-10R12 SCREW (75)
129 L&R	(a) PYLON FWD MOUNTING BRACKET (b) PYLON ELECTRICAL DISCONNECT	B	NAS333CFA10 BOLT (12)
130L	(a) MISC HYD LINES	LS	NAS333CFA5-5 BOLT (42) NAS334CFA7 BOLT (1)
130R	(a) MISC HYD LINES	RS	NAS333CFA5-5 BOLT (42) NAS333CFA7 BOLT (1)

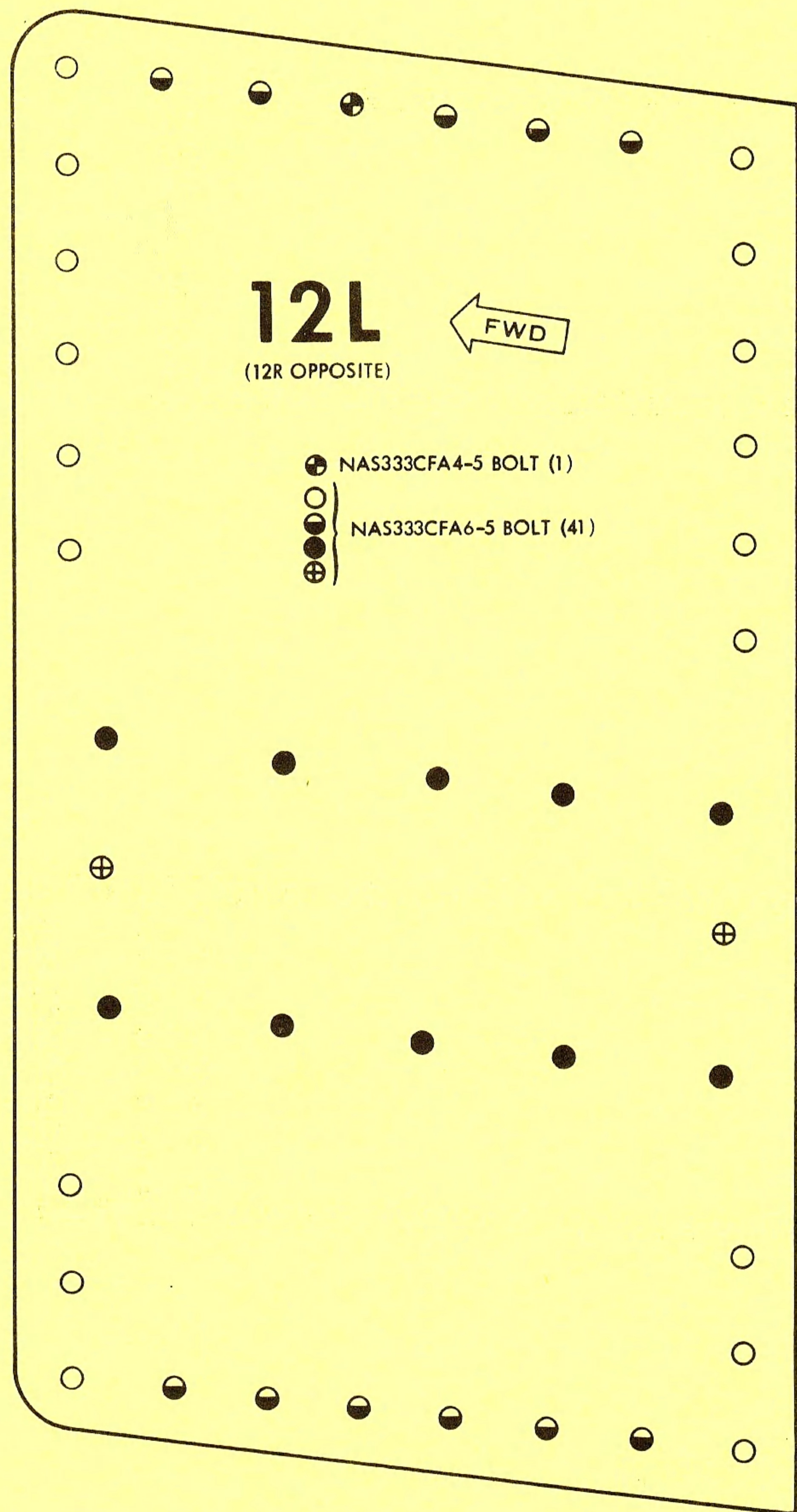
DOOR NO.	EQUIPMENT	VIEW	DOOR FASTENERS
131L	(a) HYD FILTER CONTAMINATION INDICATOR	LS	9M138-7-181-7 ASSY
131R	(a) HYD FILTER CONTAMINATION INDICATOR	RS	9M138-7-181-7 ASSY
132L **	(a) MISC HYD LINES	LS	NAS333CFA5 BOLT (107) NAS334CFA6 BOLT (6)
132R **	(a) MISC HYD LINES	RS	NAS333CFA5 BOLT (85) NAS334CFA6 BOLT (6)
133	(a) PP-4451/APG-59 POWER SUPPLY'S B VOLTS SWITCH, FUSES, AND FIM TEST JACK.	LS	3MFR509-10R6 SCREW (12)
141 L&R	(a) LE BLC SHUTOFF VALVE (b) LE BLC VALVE LIMIT SWITCH (c) CENTER LE FLAP DOWN LIMIT SWITCH (d) INNER WING INBOARD BLC DUCT (e) LE BLC VALVE LINKAGE	T & B	HINGED *NAS584-10 BOLT (36) *NAS585-17 BOLT (16) CAUTION REFER TO ACCESS DOOR 141L/R OPENING PROCEDURE TO PREVENT STRUCTURAL DAMAGE DURING OPENING OR CLOSING.
149 L&R	(a) AILERON DROOP CYLINDER MANUAL BLEED VALVE.	T	AN509-10R11 SCREW (4)
145	(a) MCS AN/AWG-10 ELECTRICAL CONNECTORS (b) RADAR LIQUID COOLANT LINES DISCONNECTS	LS	*3MFR583-4 BOLT (25)
153		T	NAS334CFA6-5 BOLT (41)
154	NO. 7 FUEL CELL ACCESS	LS	NAS333CFA6 BOLT (45) NAS334CFA6 BOLT (45)

### NOTES

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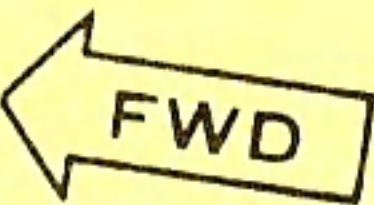
\*\* DOORS WHICH MUST BE INSTALLED OR REPLACED WITH STRESS FRAMES TO ACCOMPLISH CERTAIN MAINTENANCE OPERATIONS. REFER TO "MINIMUM STRUCTURAL ACCESS DOOR REQUIREMENTS."

▲ DOORS HAVING FASTENERS OF THE SAME DIAMETER BUT WITH DIFFERENT LENGTHS AND REQUIRING INSTALLATION IN SPECIFIC HOLES, ARE ILLUSTRATED SEPARATELY ON SHEETS 9 THRU 17.



**12L**

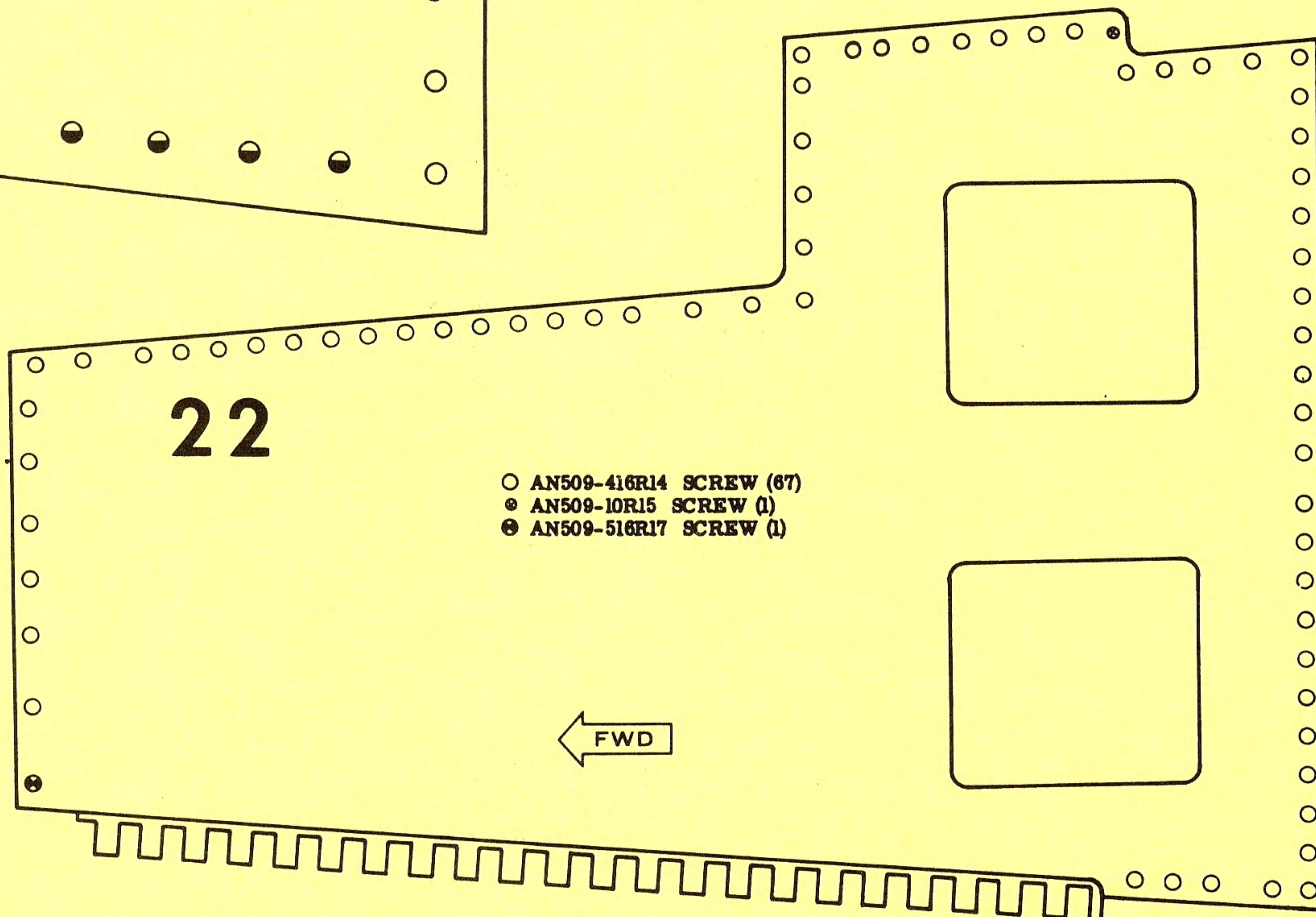
(12R OPPOSITE)



- ⊕ NAS333CFA4-5 BOLT (1)
- 
- 
- ⊕ NAS333CFA6-5 BOLT (4)
- ⊕

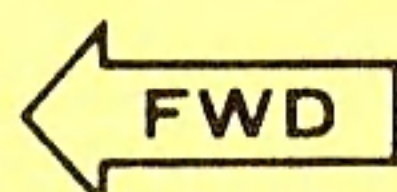
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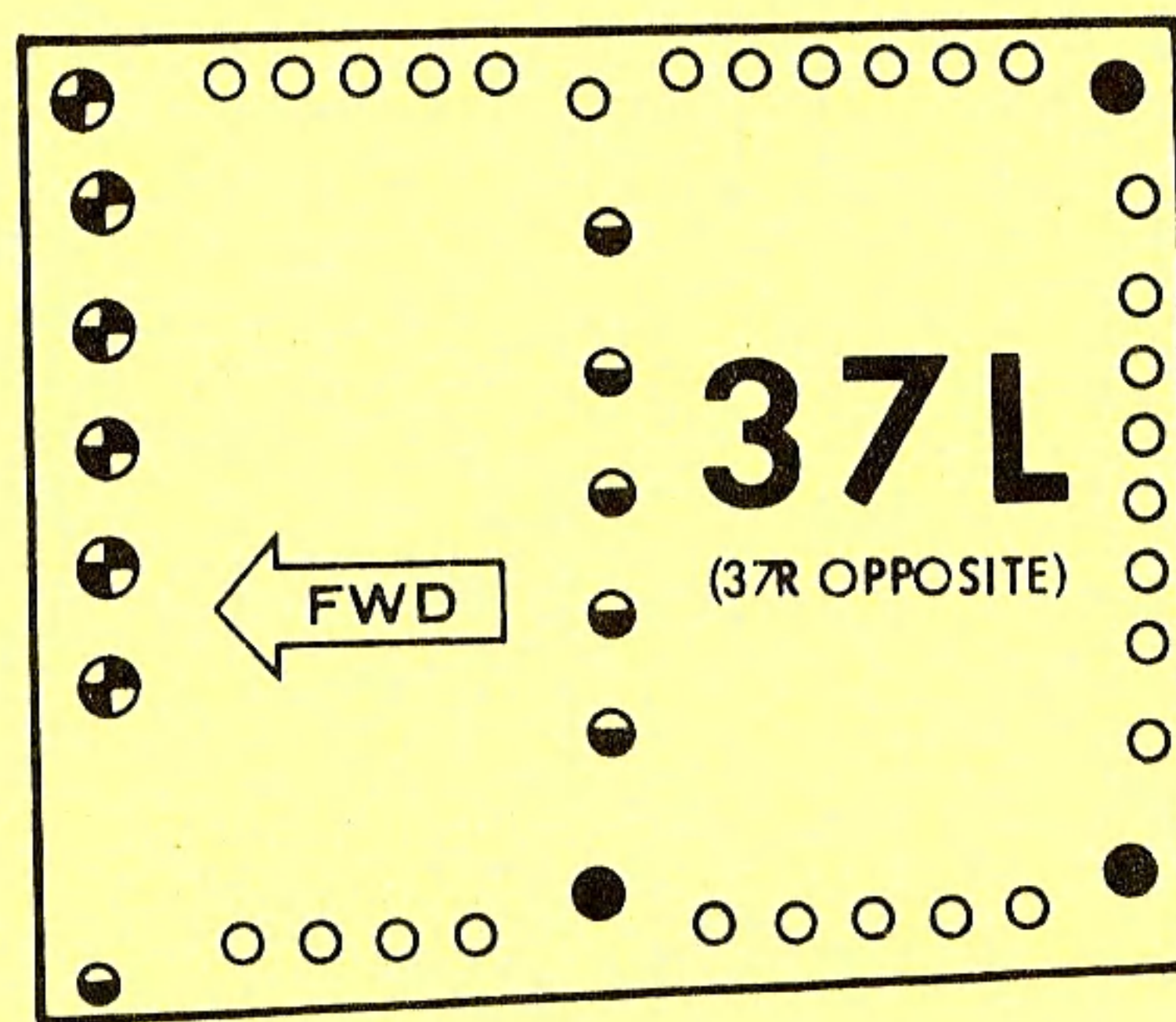
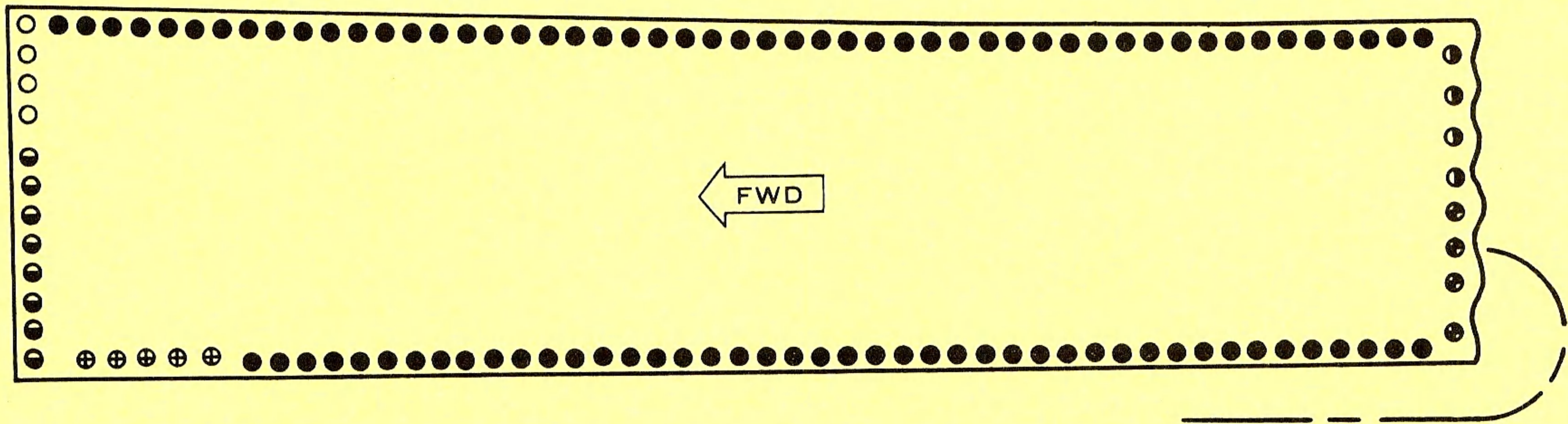
1. COAT ALL REMOVABLE FASTENERS WITH MIL-C-16173 GRADE IV PRESERVATIVE PRIOR TO INSTALLATION.



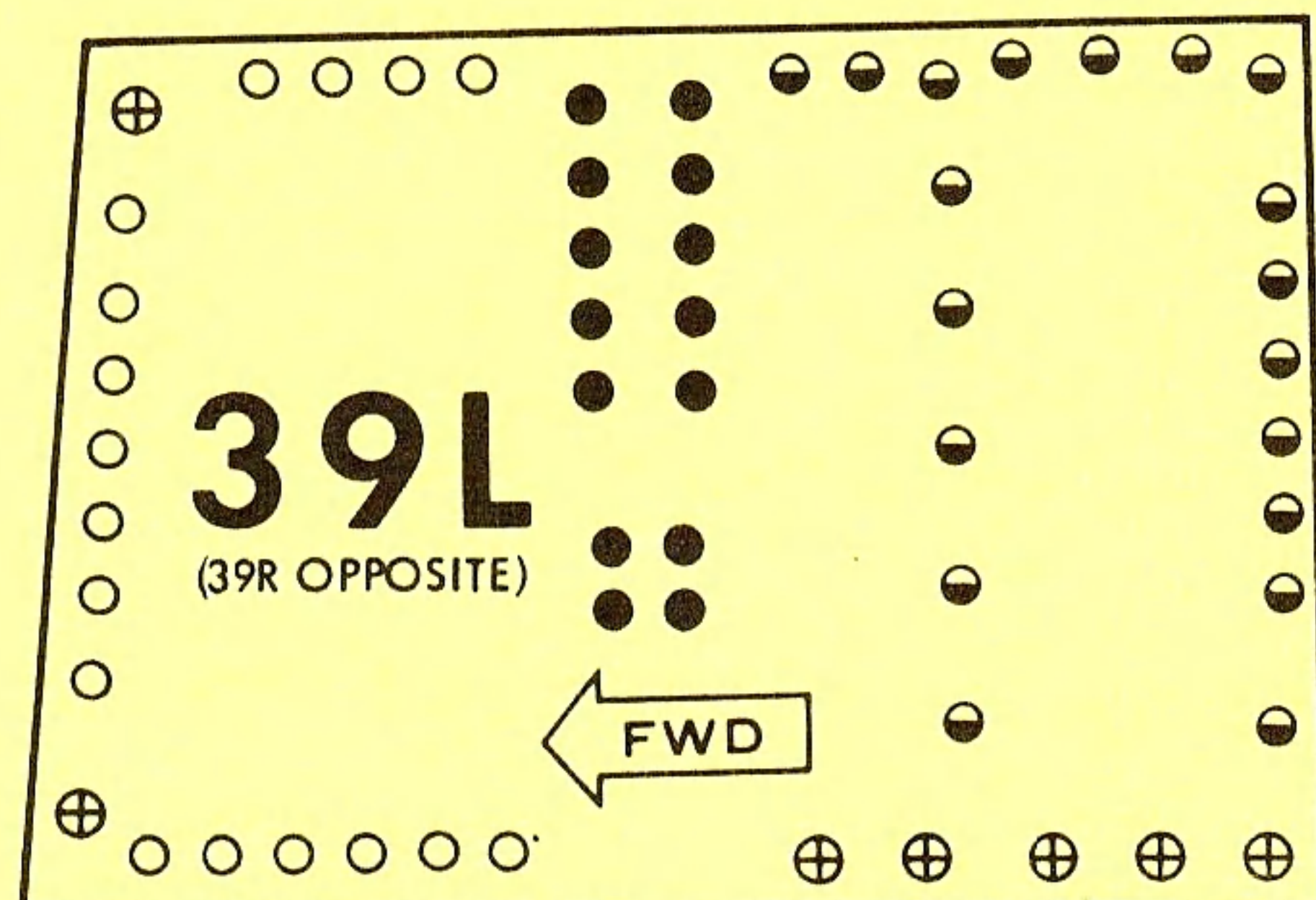
**22**

- AN509-416R14 SCREW (67)
- ⊕ AN509-10R15 SCREW (1)
- ⊕ AN509-516R17 SCREW (1)

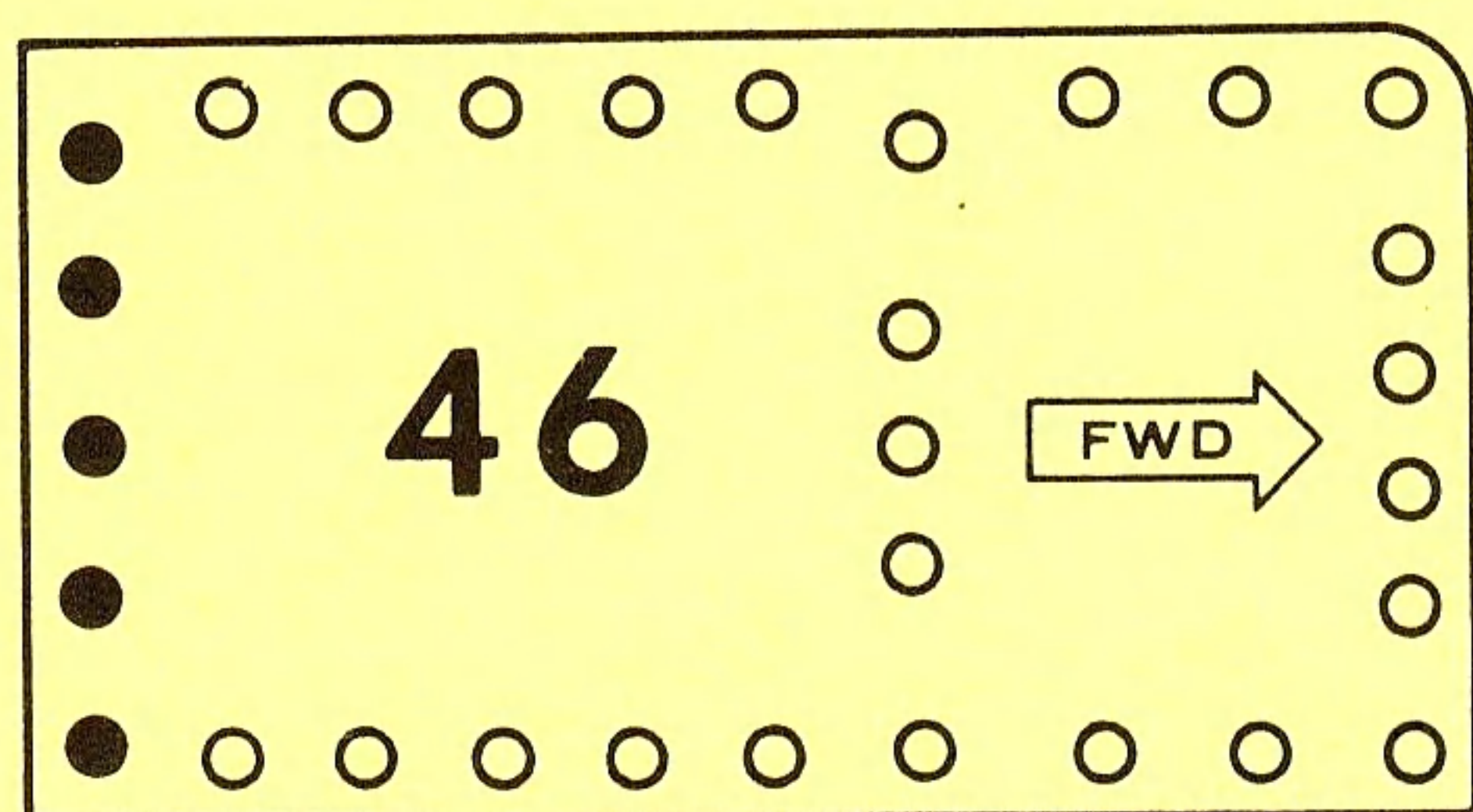




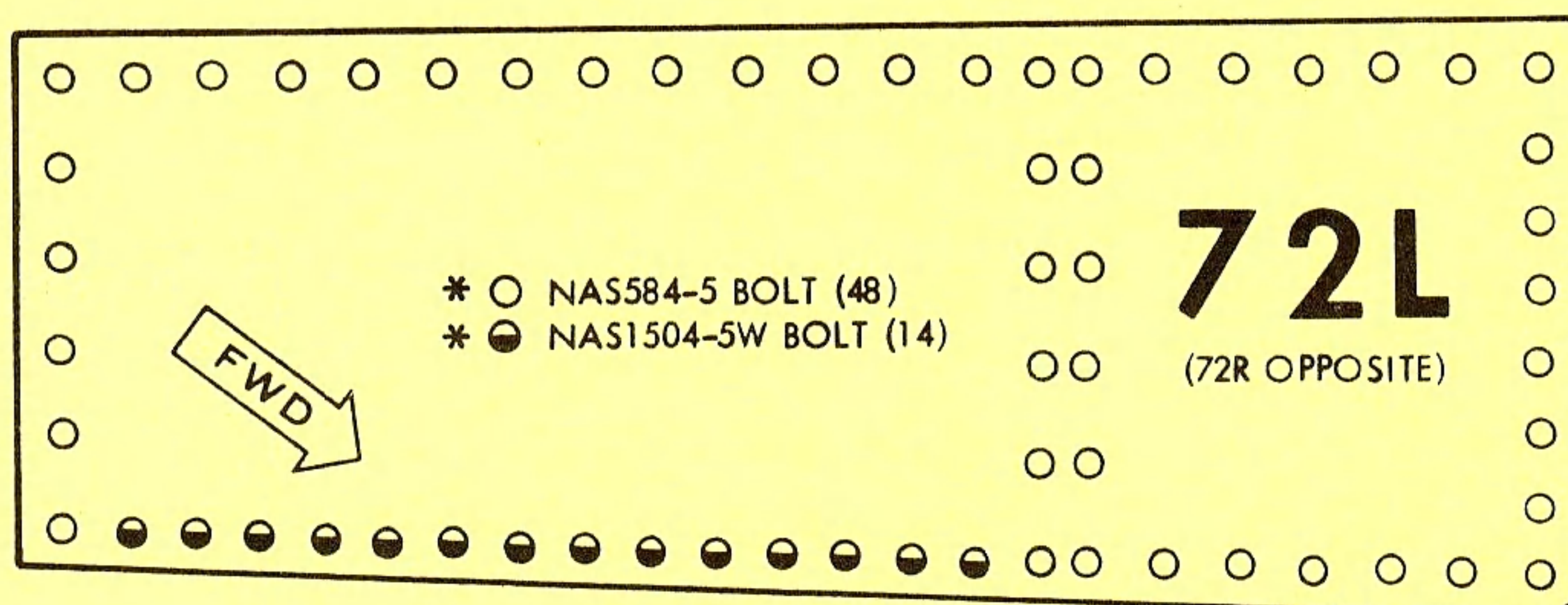
- NAS334CFA10-5 BOLT (29)
- NAS334CFA5-5 BOLT (6)
- NAS335CFA7-5 BOLT (3)
- ⊕ NAS336CFA16 BOLT (6)



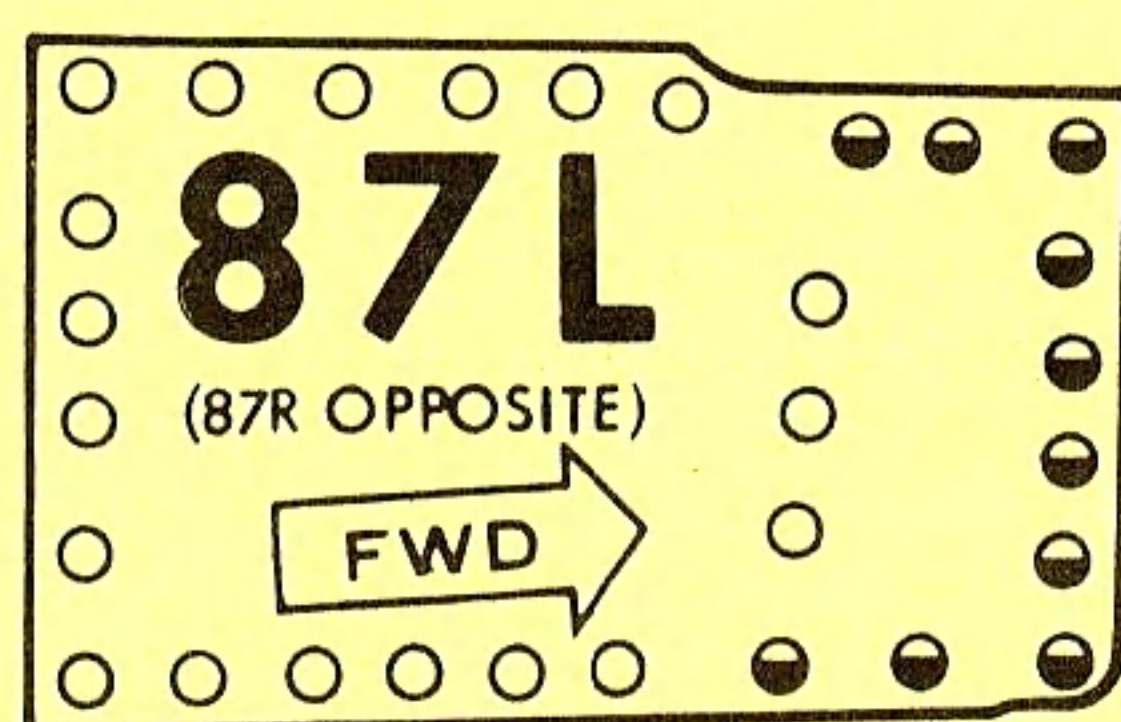
- NAS333CFA5-5 BOLT (19)
- ⊕ NAS335CFA7-5 BOLT (7)
- NAS334CFA-21 BOLT (14)
- NAS334CFA7-5 BOLT (17)



- NAS333CFA4-5 BOLT (25)
- NAS333CFA7-5 BOLT (5)



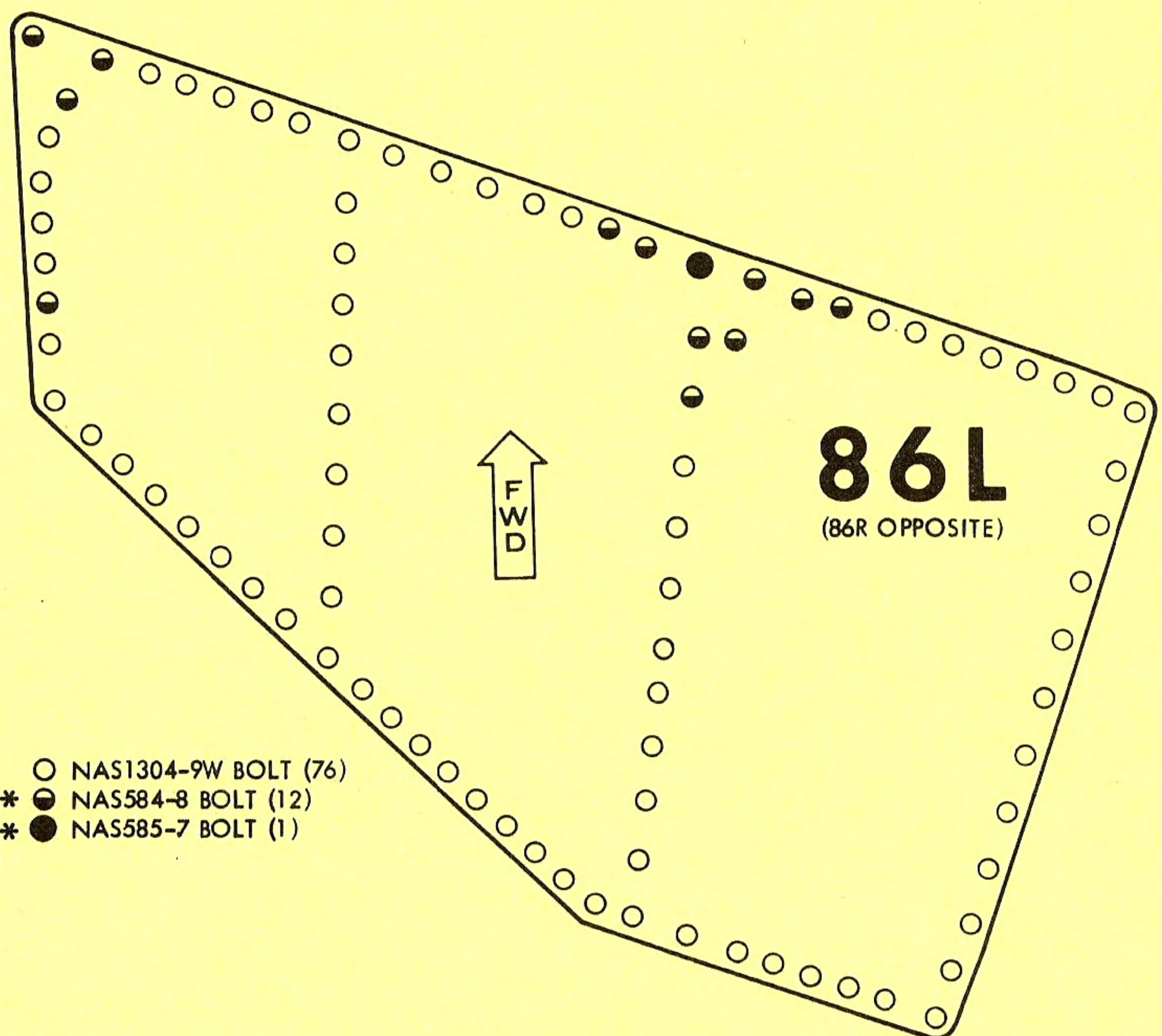
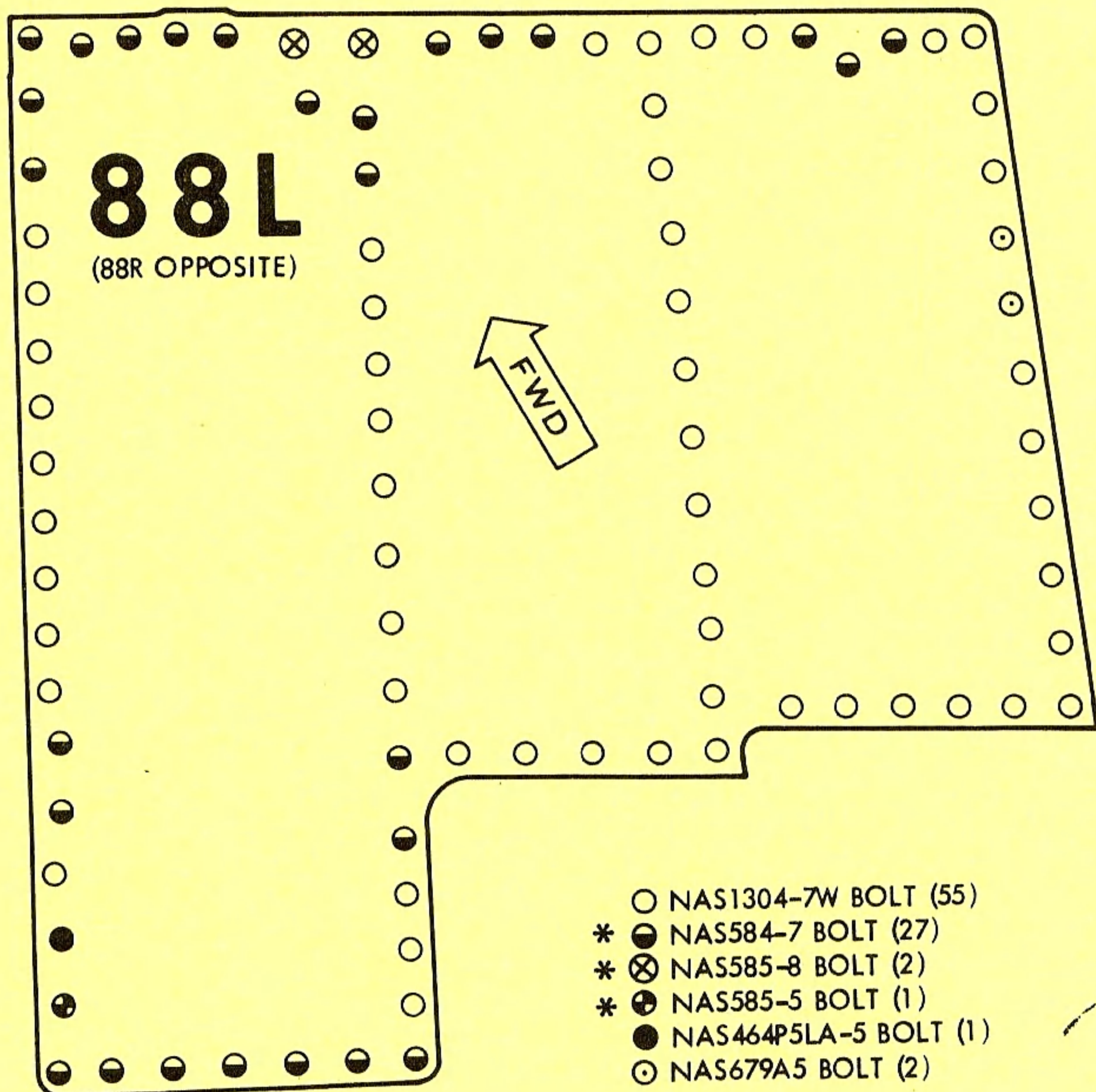
- \* ○ NAS584-5 BOLT (48)
- \* ● NAS1504-5W BOLT (14)



- NAS1304-6W BOLT (19)
- \* ● NAS584-6 BOLT (10)

**NOTE**

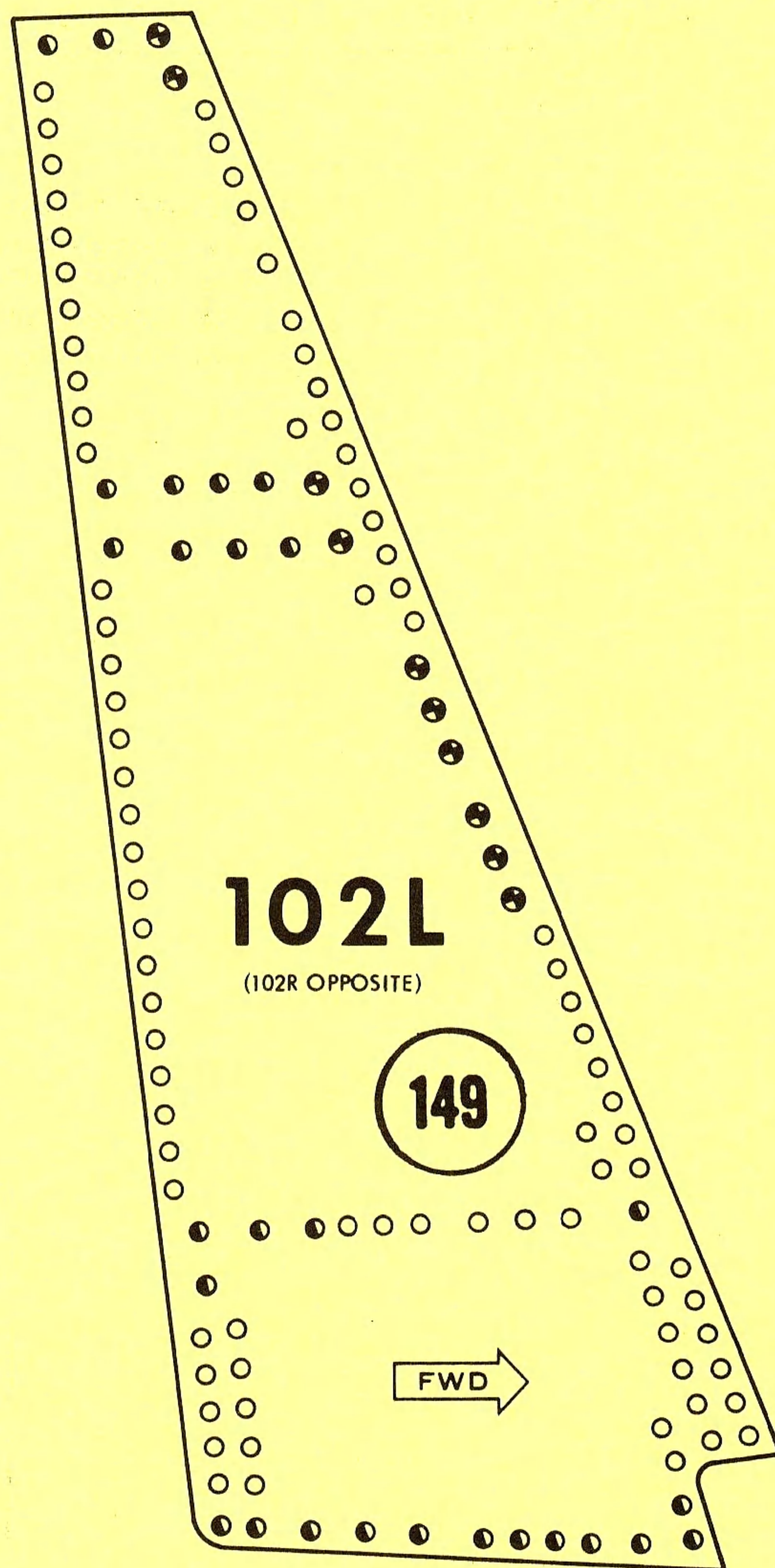
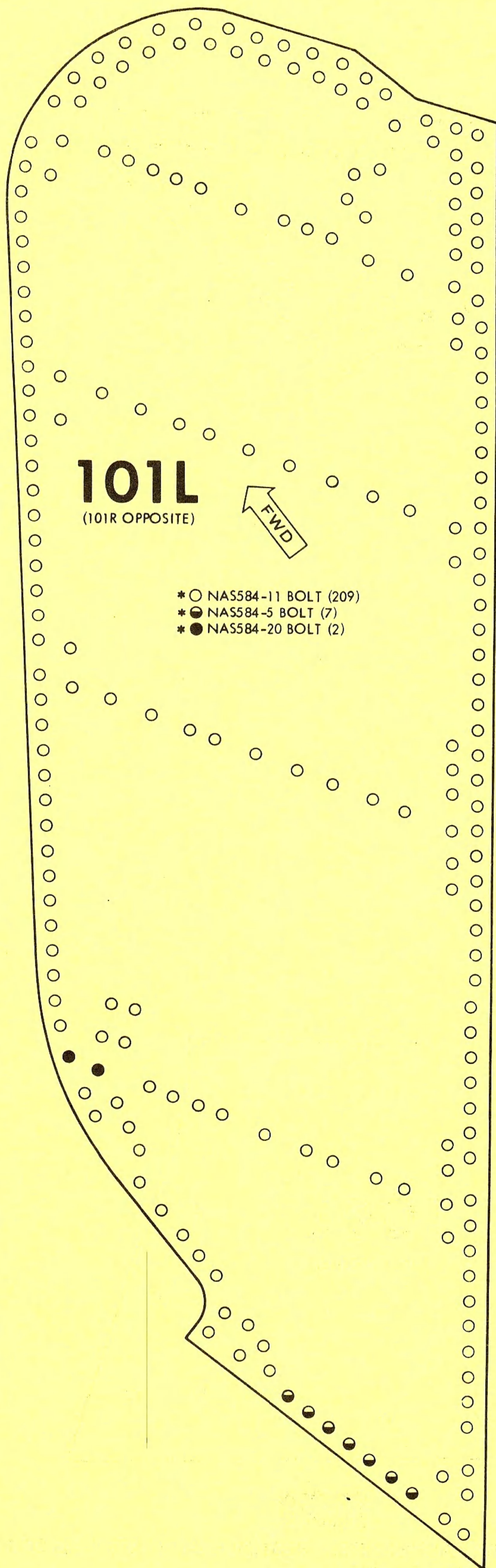
\* HI-TORQUE FASTENERS. REMOVE AND INSTALL ONLY WITH PROPER ADAPTER.



**NOTE**

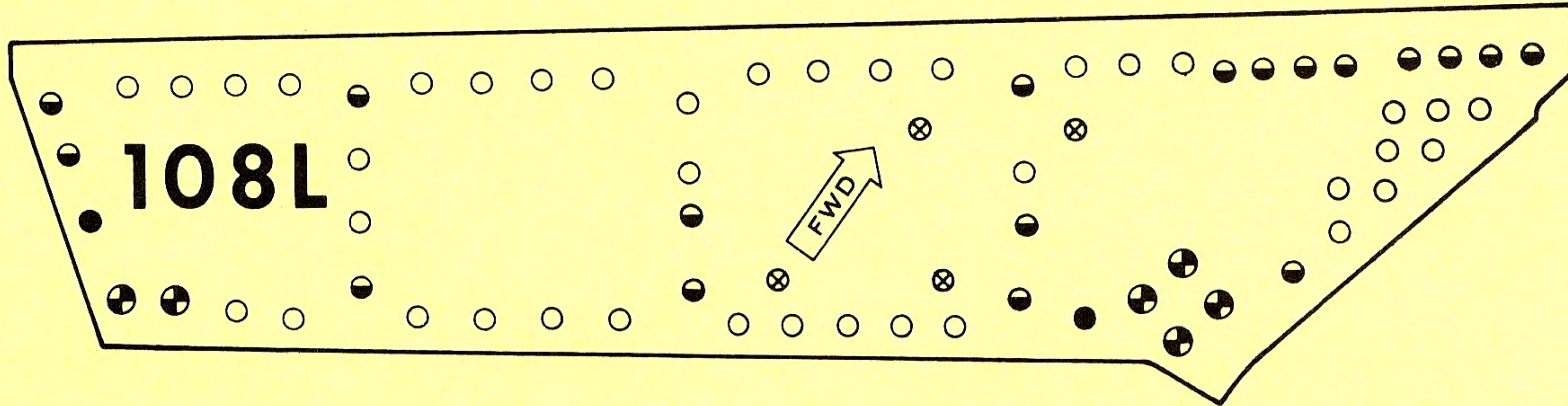
\* HI-TORQUE FASTENERS. REMOVE AND INSTALL ONLY WITH PROPER ADAPTER.



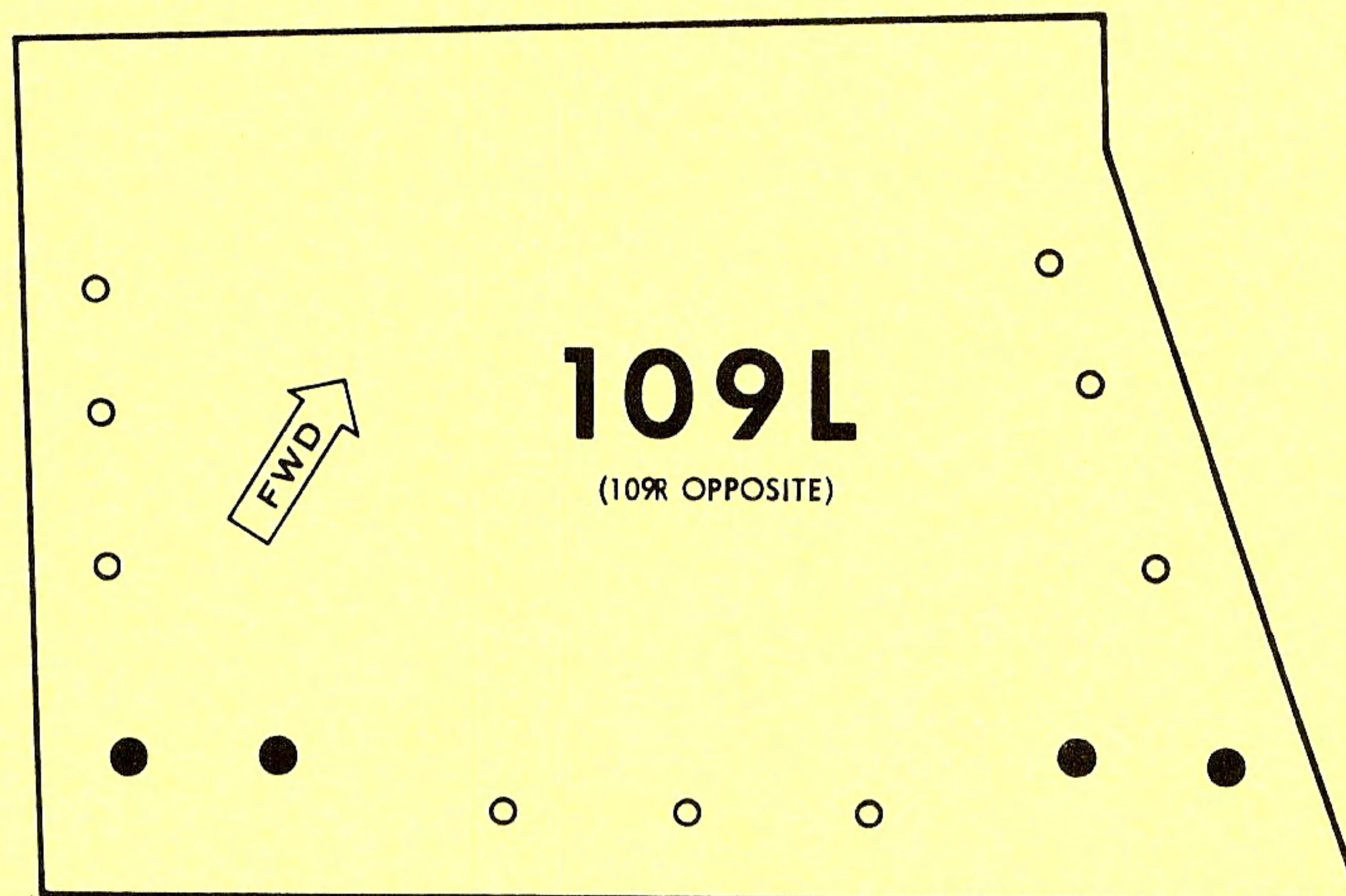


**NOTE**

\* HI-TORQUE FASTENERS. REMOVE AND INSTALL ONLY WITH PROPER ADAPTER.



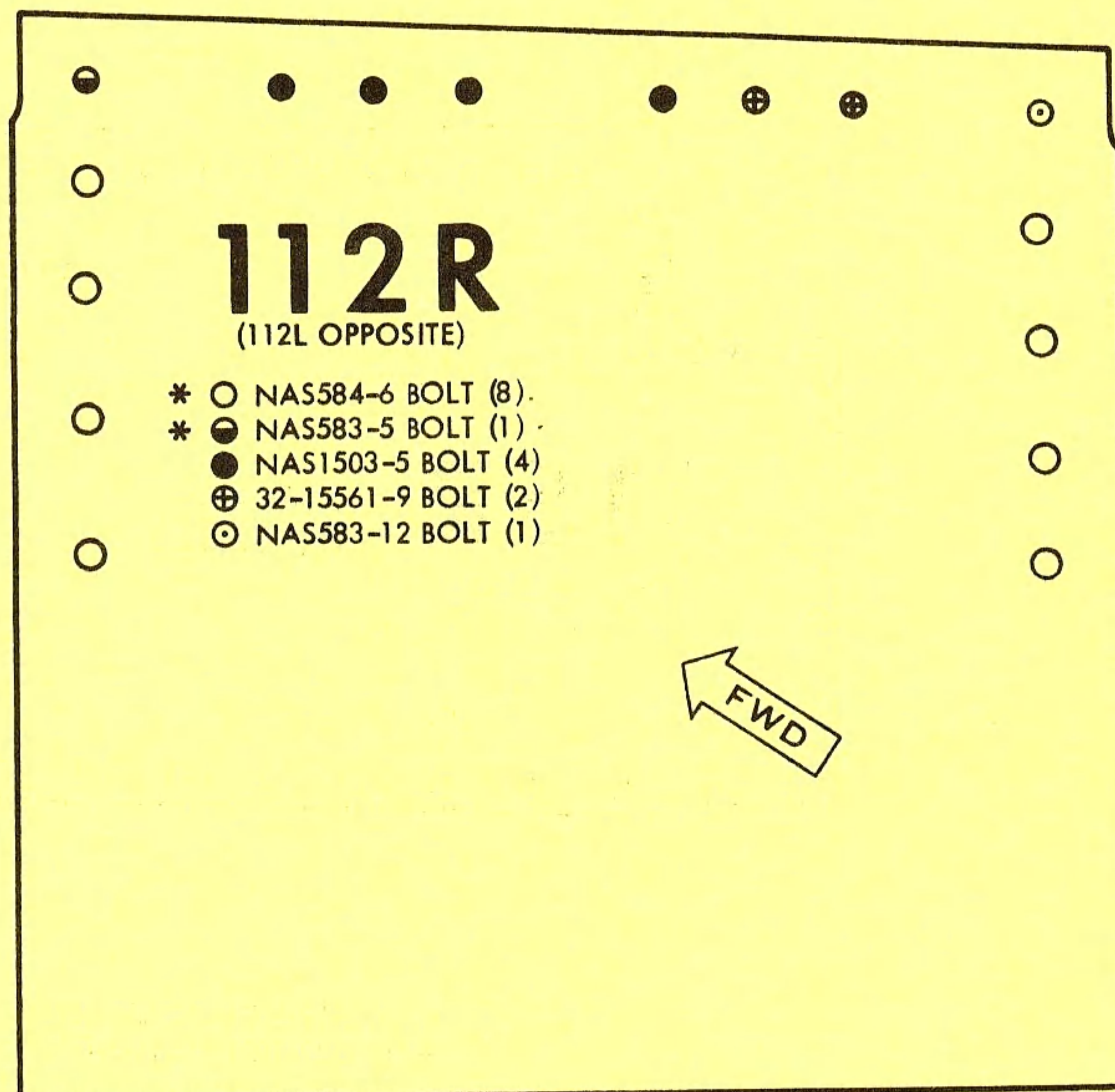
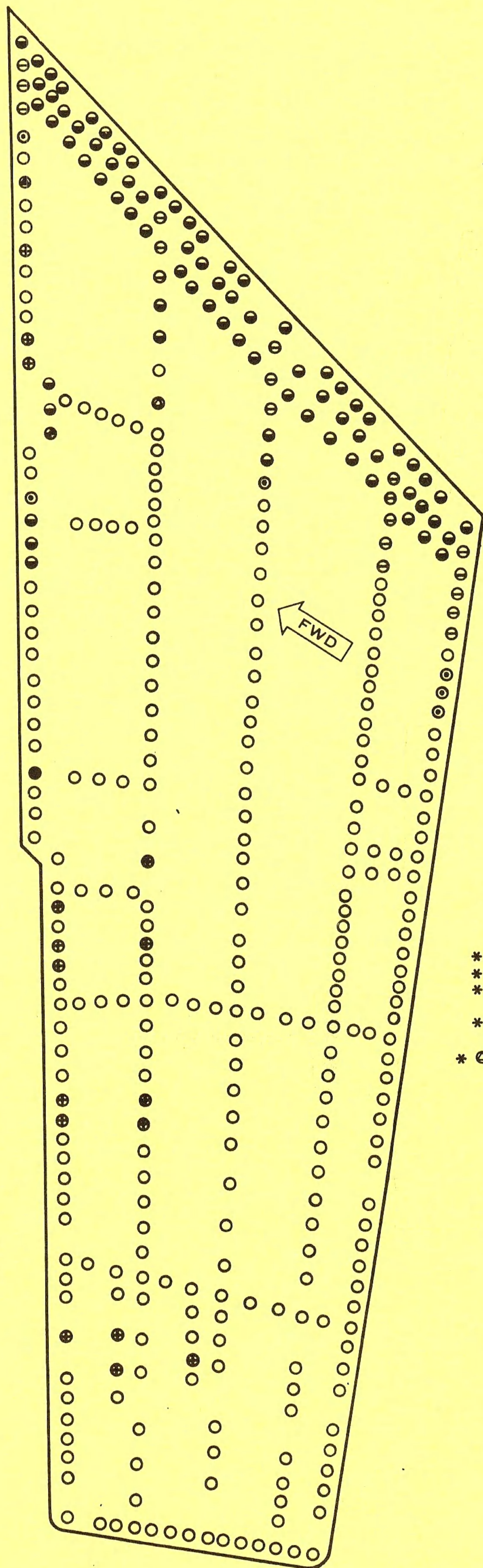
- \* ○ NAS1503-4 BOLT (39)
- 32-15561-7 BOLT (18)
- \* ● NAS1503-13 BOLT (2)
- \* ⊕ NAS1504-9 BOLT (6)
- \* ⊗ NAS1503-3 BOLT (4)



- \* ○ NAS583-7 BOLT (9)
- \* ● NAS584-7 BOLT (4)

**NOTE**

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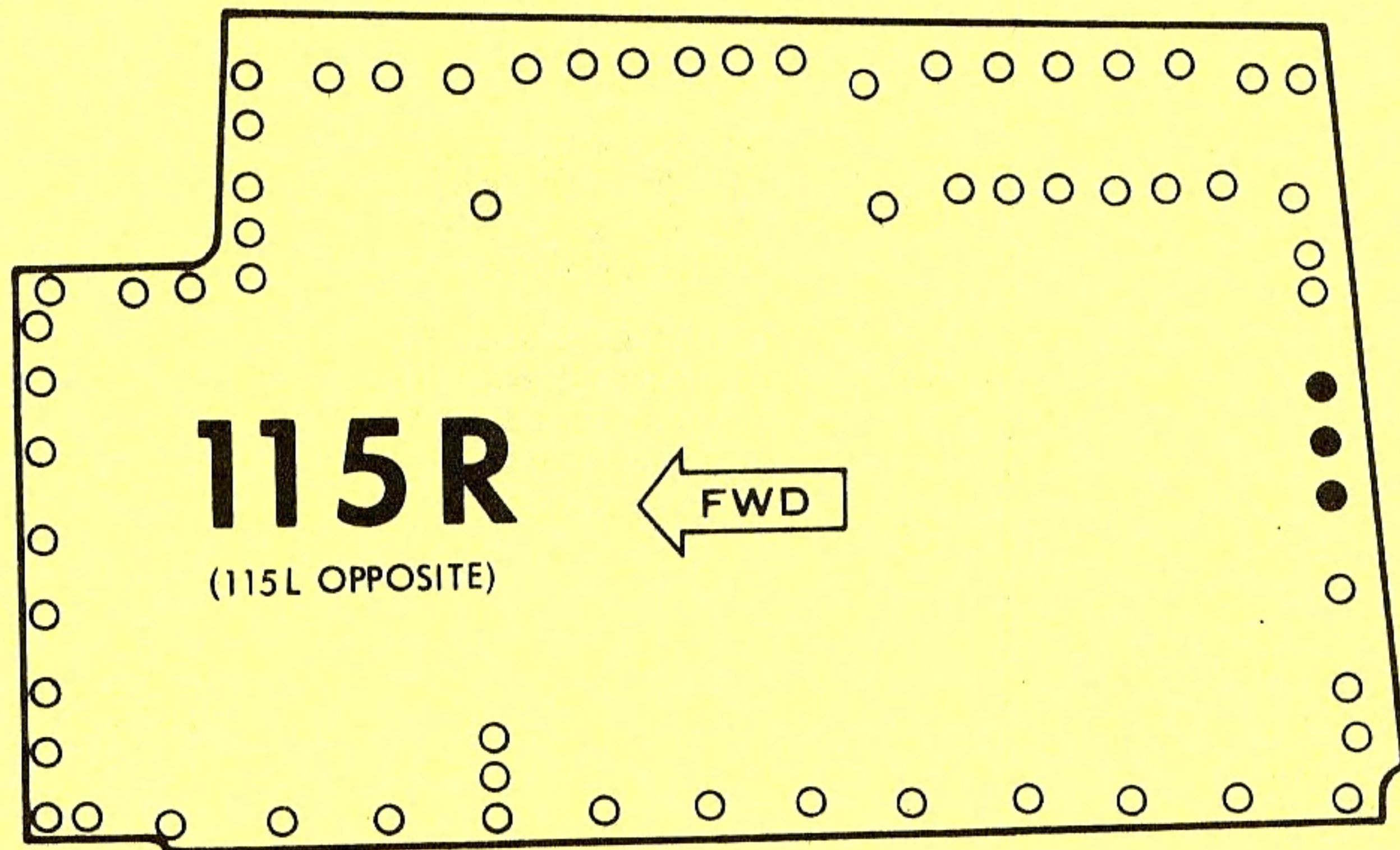


**111L**  
(111R OPPOSITE)

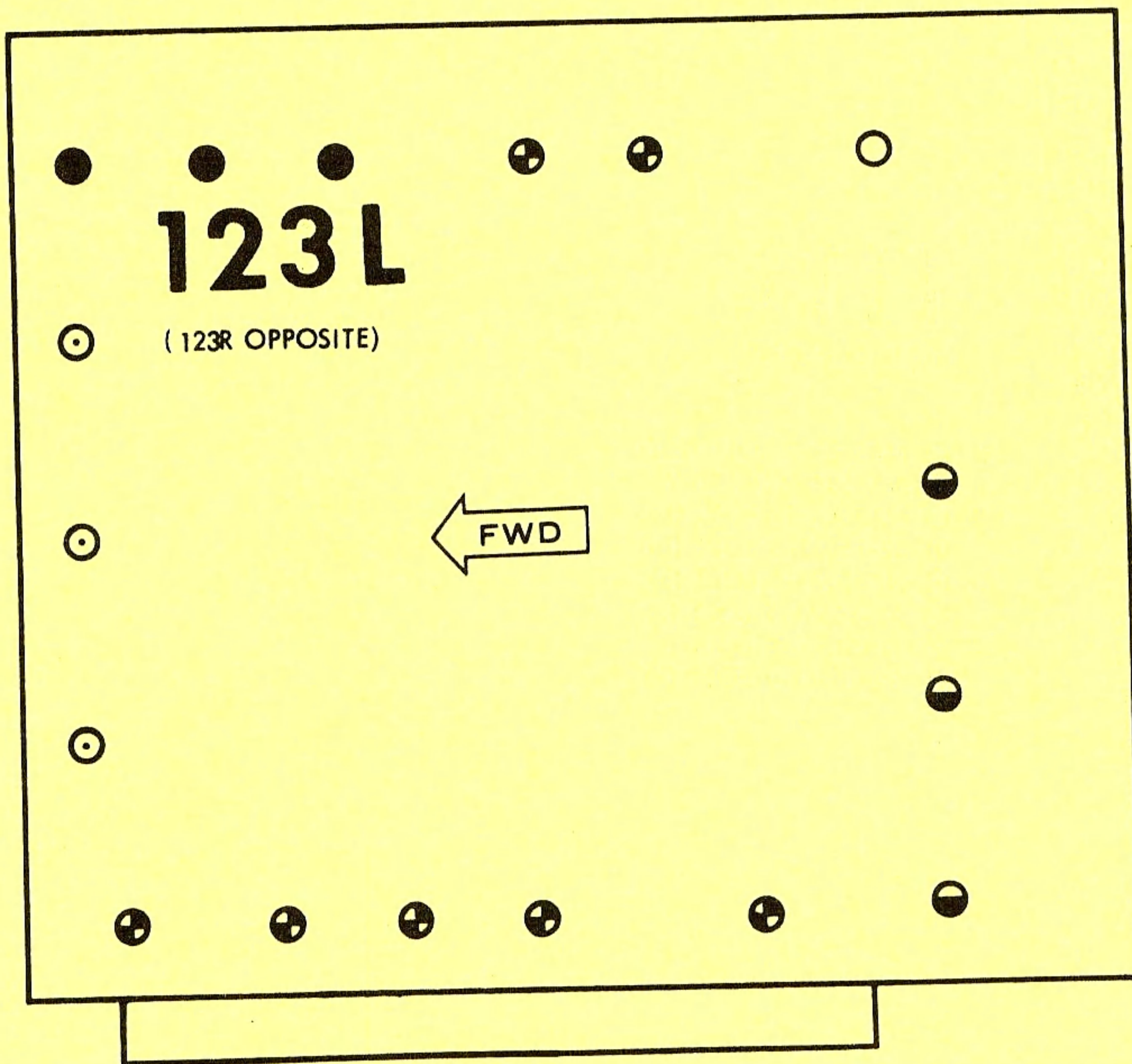
- \* ○ NAS583-7 BOLT (257)
- \* ● NAS584-9 BOLT (76)
- \* ⊖ NAS584-17 BOLT (19)
- ⊕ 32-15561-5 BOLT (16)
- \* ⊙ NAS583-15 BOLT (6)
- 32-15561-7 BOLT (1)
- \* ⊗ NAS1505-8 BOLT (1)
- 32-15561-7 BOLT (1)

**NOTE**

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○ AN509-10R14 SCREW (62)  
● AN509-10R14 SCREW (3)

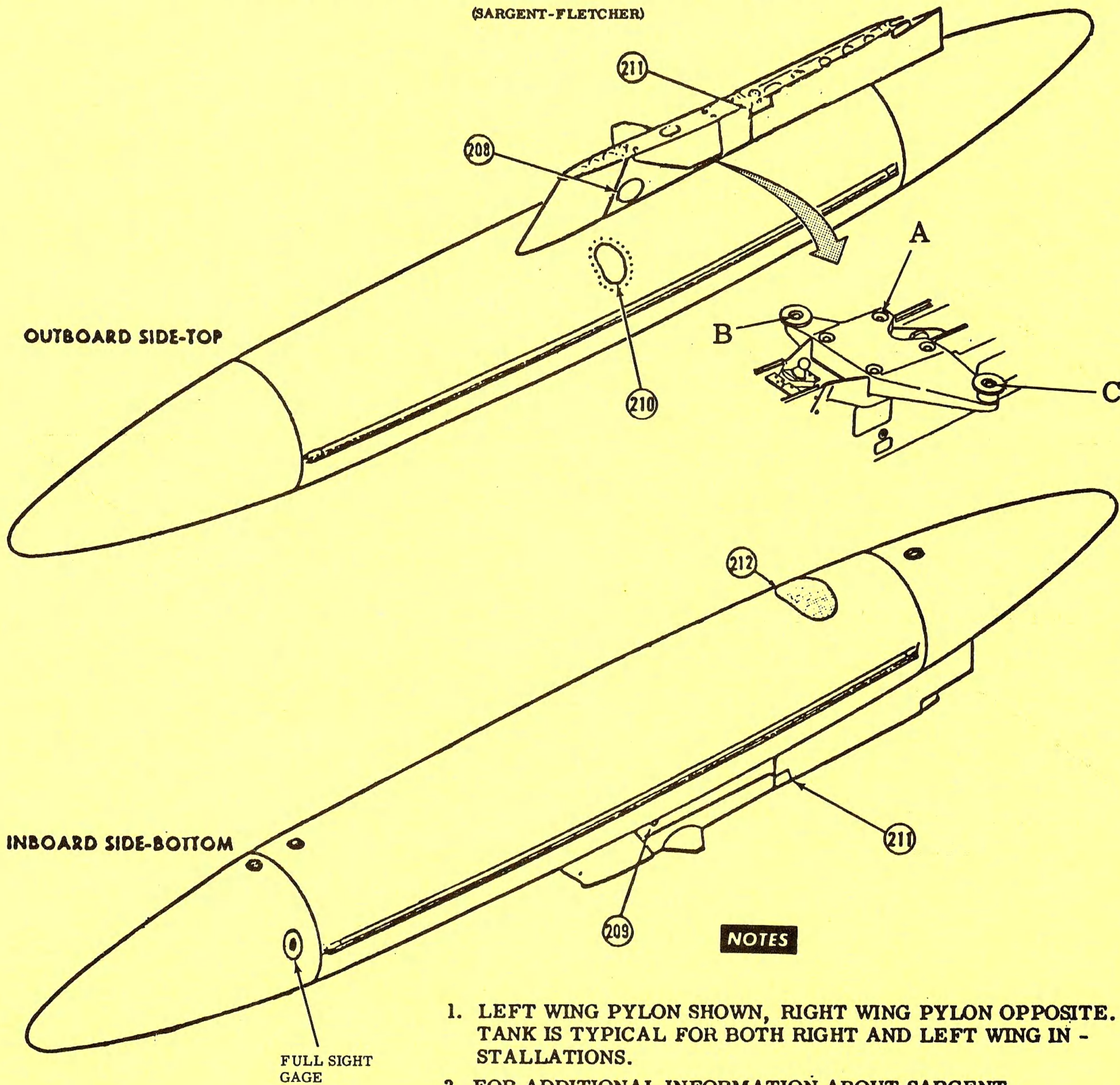


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NAS333CFA6-5 BOLT (17)

## EXTERNAL WING FUEL TANK AND PYLON

(SARGENT-FLETCHER)

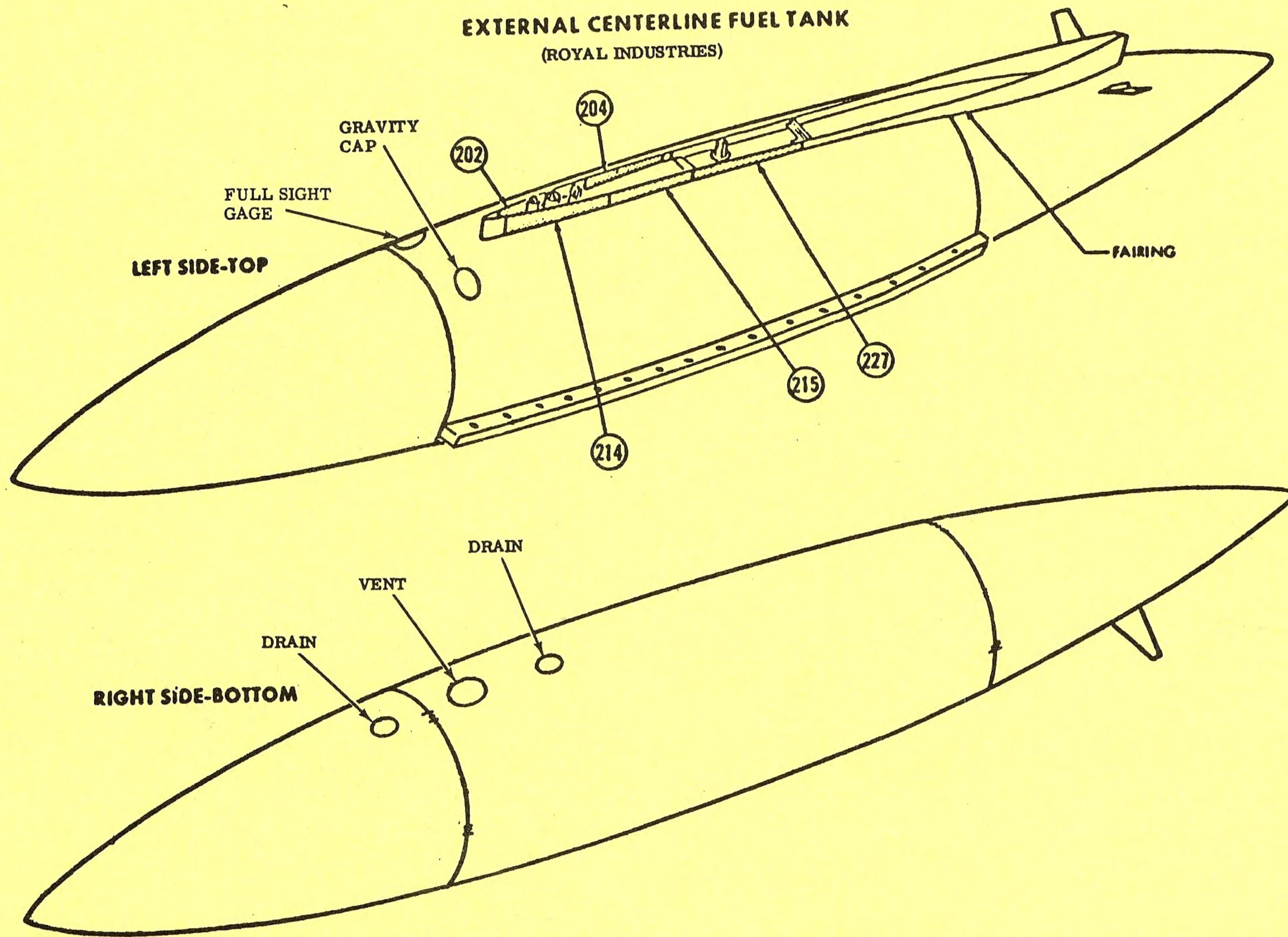


- NOTES**
1. LEFT WING PYLON SHOWN, RIGHT WING PYLON OPPOSITE. TANK IS TYPICAL FOR BOTH RIGHT AND LEFT WING INSTALLATIONS.
  2. FOR ADDITIONAL INFORMATION ABOUT SARGENT-FLETCHER TANKS, SEE T.O. 6J14-2-18.3

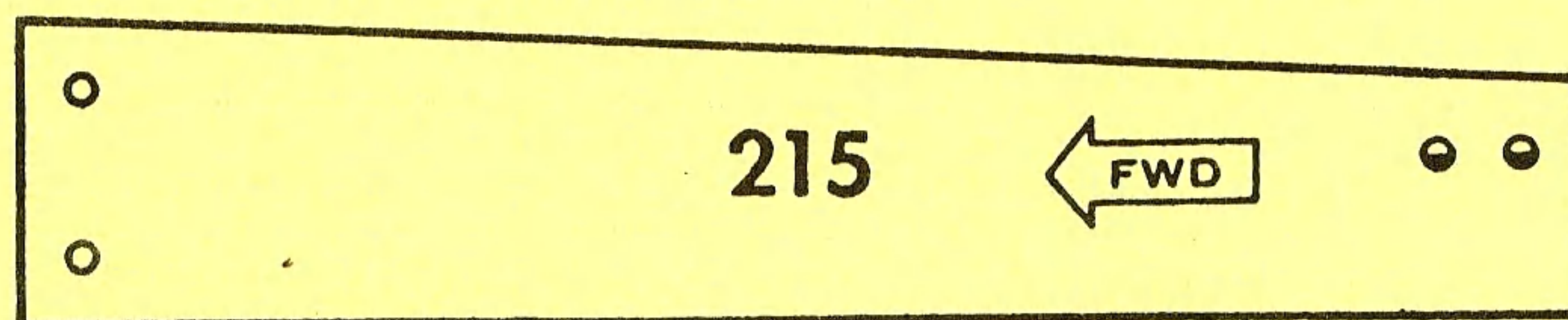
DOOR NO.	EQUIPMENT	DOOR FASTENERS
208 L & R	CARTRIDGE	AIRLOC FASTENERS (2)
209 L & R	FIRING PIN	AN509-10R9 SCREW (2)
210	PYLON MOUNT BOLTS	NAS 221-10 (12)
211 L & R	ADJUSTABLE BEARING PAD	AIRLOC FASTENERS (2)
212	FUEL AND AIR DISCONNECT FITTINGS	NAS 221-10 (12)
A	SWAY BRACE ATTACH BOLT	NAS 340CA23 (4)
B	PAD ATTACH SCREW	AN 509-416R27
C	PAD ATTACH SCREW	AN 509-416R13

# EXTERNAL ACCESS DOORS (F-4J)

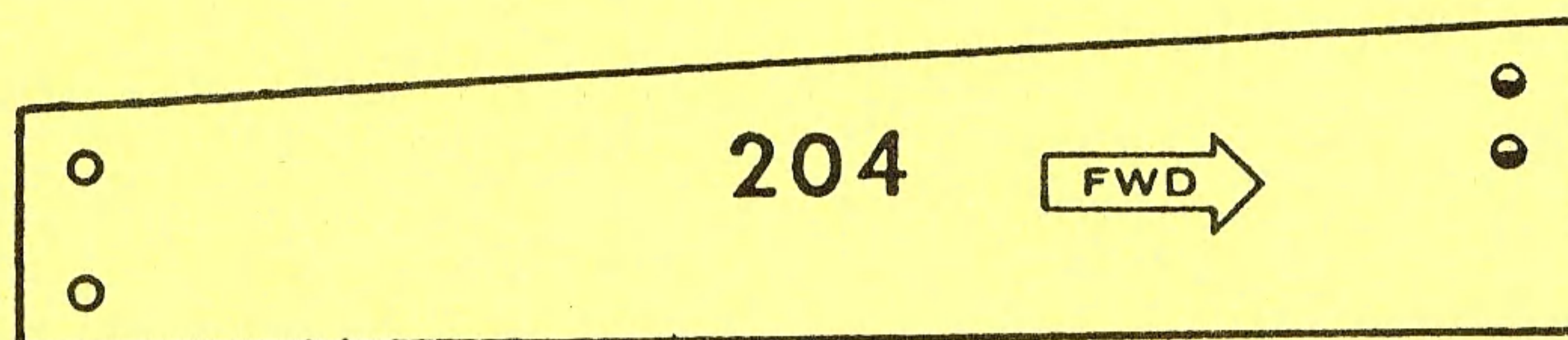
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DOOR NO.	EQUIPMENT	DOOR FASTENERS
202	FUEL, AIR, AND ELECTRICAL DISCONNECTS	AN509-10R7 SCREW (4)
204	EJECTION RACK ADJUSTMENT	SEE DETAIL
214	FUEL, AIR, AND ELECTRICAL DISCONNECTS	AN509-10R10 SCREW (4)
215	EJECTOR FOOT ADJUSTMENT	SEE DETAIL
227	AFT SUSPENSION LUG	AN509-10R6 SCREW (4)



○ AN509-10R10 SCREW (2)  
● AN509-10R6 SCREW (2)

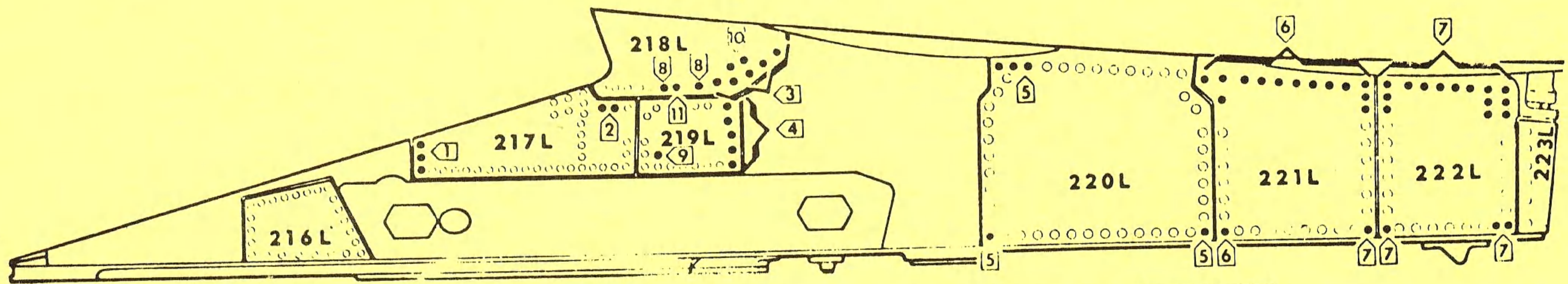


○ AN509-10R7 SCREW (2)  
● AN509-10R8 SCREW (2)

# EXTERNAL ACCESS DOORS (F-4J)

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## INBOARD WING STATION MISSILE PYLON (LAU-17/A) (OUTBOARD VIEW)

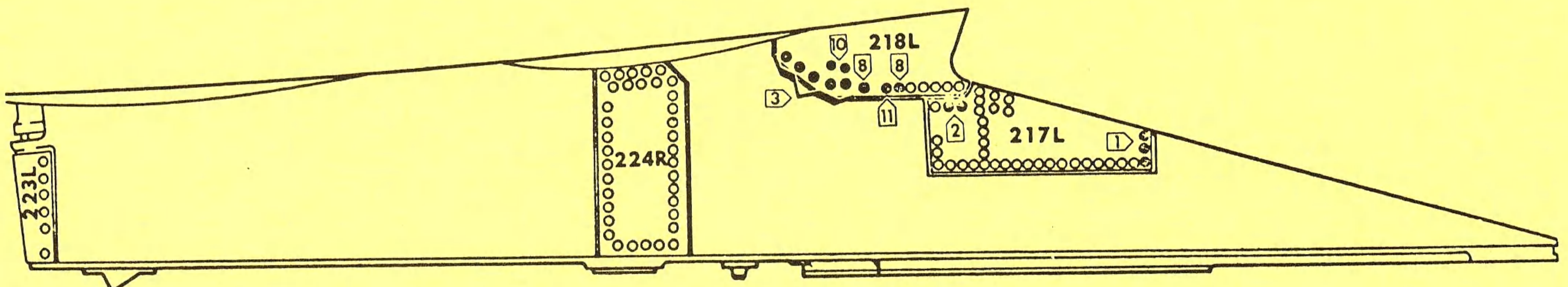


DOOR NO.	EQUIPMENT	DOOR FASTENERS AND NO. REQUIRED PER DOOR
216 L & R	RELEASE MECHANISM INERTIA WEIGHT BELLCRANK INERTIA WEIGHT BELLCRANK RETURN SPRING DETENT CAM DETENT CAM SPRING	* AN507-10R11 SCREW (24) OUTBOARD SIDE
217 L & R	ELECTRICAL DISCONNECT UMBILICAL PLUG UMBILICAL PLUG INSERTION MECHANISM STOWED ELECTRICAL PLUG (FOR L.A.U./7A LAUNCHERS) PARTS STOWAGE BAG	* AN509-10R14 SCREW (62 INCLUDING BOTH SIDES) ① AN509-416R13 SCREW (3 EACH SIDE) ② AN509-10R12 SCREW (2 EACH SIDE)
218 L & R	ELECTRICAL PYLON ELECTRICAL DISCONNECT NUT RETAINER	* AN509-10R12 SCREW (5 EACH SIDE) ③ AN509-416R18 SCREW (5 EACH SIDE) ⑧ AN509-10R14 SCREW (2 EACH SIDE) ⑩ AN509-416R16 SCREW (2 EACH SIDE) ⑪ AN509-416R13 SCREW (1 EACH SIDE)
219 L & R	EXPLOSIVE BOLT EXPLOSIVE BOLT SAFETY PIN SWITCH PYLON RETAINER NUT EXPLOSIVE BOLT ELECTRICAL PLUG STRAY VOLTAGE TEST RECEPTACLE (BACK SIDE)	* AN509-10R14 SCREW (14) ④ AN509-416R18 SCREW (5) ⑨ AN509-416R13 SCREW (1)
220 L & R	ELECTRONICS T-76/APA-128 TUNING DRIVE RELAY PANEL	* AN509-10R16 SCREW (39) ⑤ AN509-416R17 (5)
221 L & R	COVER PLATE STOWAGE LEADING EDGE FLAP COVER PLATE	* AN509-10R11 SCREW (20) ⑥ AN509-416R16 SCREW (15)
222 L & R	REAR SIGNAL HORN REAR SIGNAL HORN	* AN509-10R15 SCREW (17) ⑦ AN509-416R16 SCREW (17)
223 L & R	ATTACH BOLT FITTING RETAINER BOLT	* AN509-10R10 SCREW (6 EACH SIDE)
224 L & R	ELECTRICAL-MULTIPLE WEAPONS FUZE FUNCTION CONTROL CONNECTOR MULTIPLE WEAPONS DISCONNECT	* NAS 334CF10 (36)

### NOTE

\* INDICATES THE TYPE OF FASTENER NOT SPECIFICALLY FLAGGED.

## (INBOARD VIEW)



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