

PHYSICAL CHARACTERISTICS

PARAMETER	WING	H. TAIL	V. TAIL
AREA (SQ. FT.)	400	88.0	104 BOTH
ASPECT RATIO	3.5	2.442	1.2
TAPER RATIO	0.35	0.46	0.40
SPAN (THEQ) (FT.)	37.42	14.67	7.92
ROOT CHORD (IN.)	190.29	98.70	113.00
TIP CHORD (IN.)	66.28	45.45	45.00
SWEEP @ 1/4 (DEG.)	20	42.83	35
DIHEDRAL (DEG.)	-3.0	-2.0	-
INCIDENCE (DEG.)	0	+10.5, -24.0	1.0 TOE OUT
CANT (DEG.)	-	-	20 OUTBD
RUDDER AREA (SQ. FT.)	-	-	13.84 BOTH
RUDDER TRAVEL (DEG.)	-	-	± 30

SPEED BRAKE

AREA (SQ. FT.)	13.9
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LEADING EDGE EXTENSION (LEX)

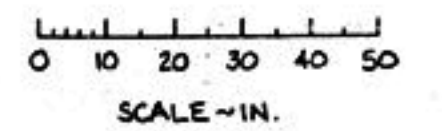
AREA (SQ. FT.)	56.0
L.E. SWEEP (DEG.)	43.0

PROPULSION

(2) ROLLS ROYCE ENGINES

MISCELLANEOUS

MAX. CROSS-SECTION AREA @ Y 494.0	WAS 5180	IS 5208	UNITS SQ. IN.
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<small>GENERAL AIRCRAFT COMPANY</small> <small>10000 W. 100th St., Overland Park, KS 66204</small> <small>PH: 913-646-1000</small>	SIZE	CODE IDENT NO.	DWG NO.	ADV 18-M00-01
	R	76301	STUDY - F-18A AIRCRAFT WITH ROLLS-ROYCE ENGINES	
	SCALE: 1/40 DE GARCIA 9 MAR 79 SHEET 1 OF 1			