

## Lockheed CL-423 by Fatz

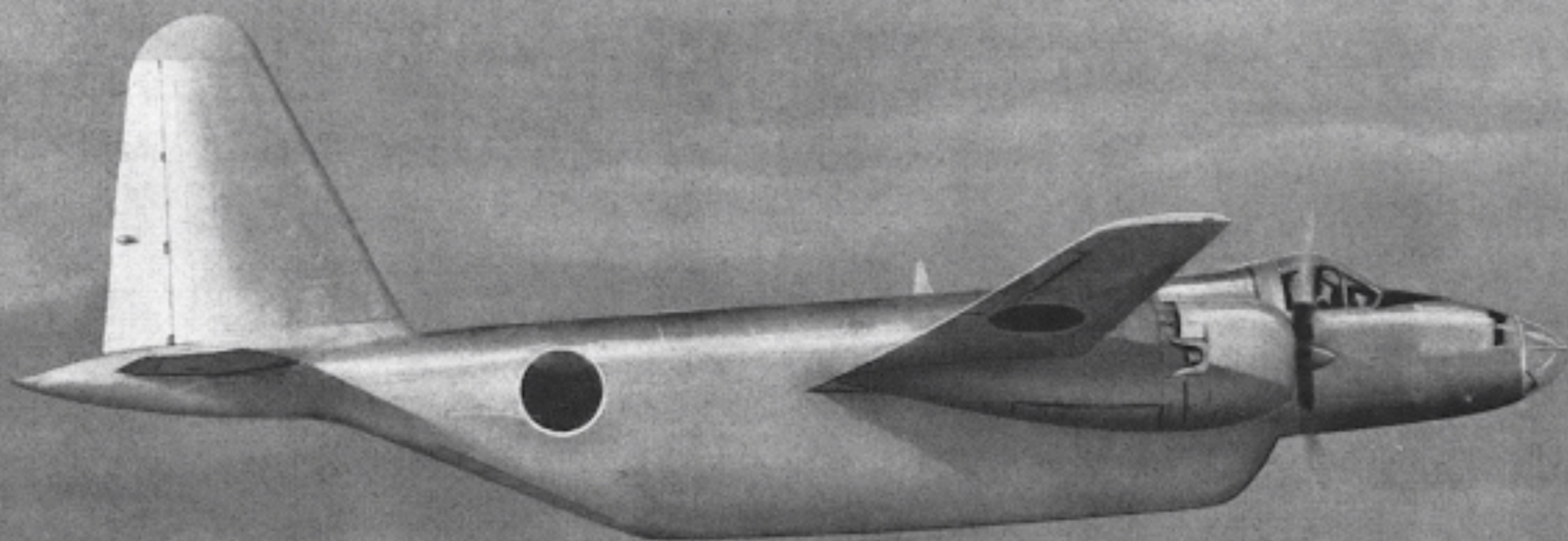
As we all know, the ubiquitous P2V aircraft was built in many versions by Lockheed before finally coming to rest in Japan. This article describes a cargo-transport version of the P2V-7 that was proposed to be built by the Kawasaki Aircraft Company.

The CL-423 was to be an assault transport version of the P2V-7, conceived for use by the Japanese Air Force (JAF later JASDF) with a range compatible with the distance that could be flown in Japan. It would have been essentially a P2V-7 without wing tip tanks, J-34 jet engines/pods, APS-20 radome and turret. The fuselage aft of the flight station would have been completely new. The wing fuel capacity of 1650 gallons would result in a range of about 1300 nautical miles with adequate reserves. This would permit a 700 nautical mile radius for airdrop of the maximum cargo weight.

As shown, the CL-423 would use a great many P2V-7 parts. The major new part would have been the fuselage aft of the flight station, with the P2V-7 nose and flight station sections designs retained in their entirety. The empennage would have been located 30 inches higher on the CL-423 than on the P2V-7, relative to the wing position. CL-423 weights and performance would have paralleled the P2V-7 very closely except for losses due to deletion of the J-34 jet engines.

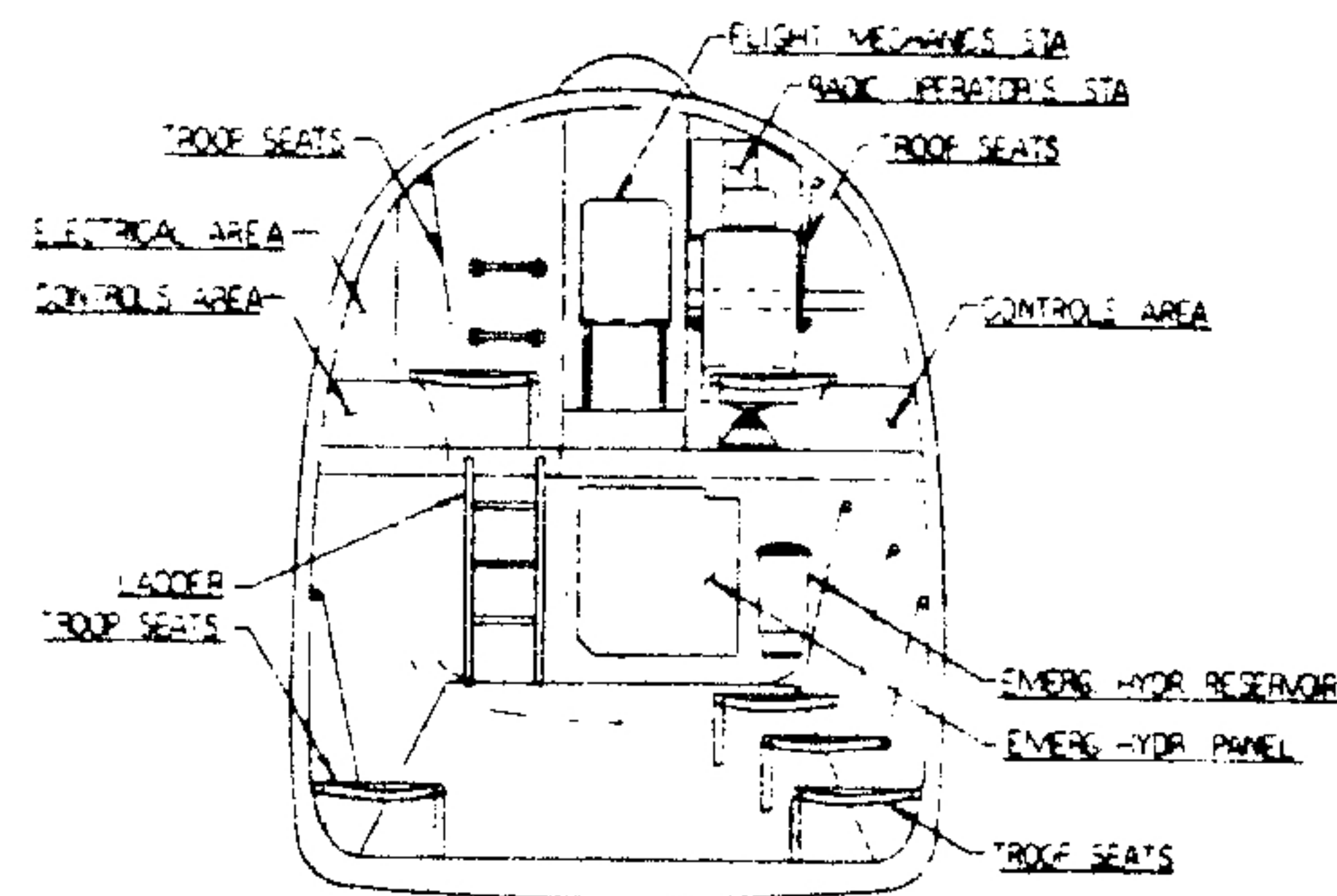
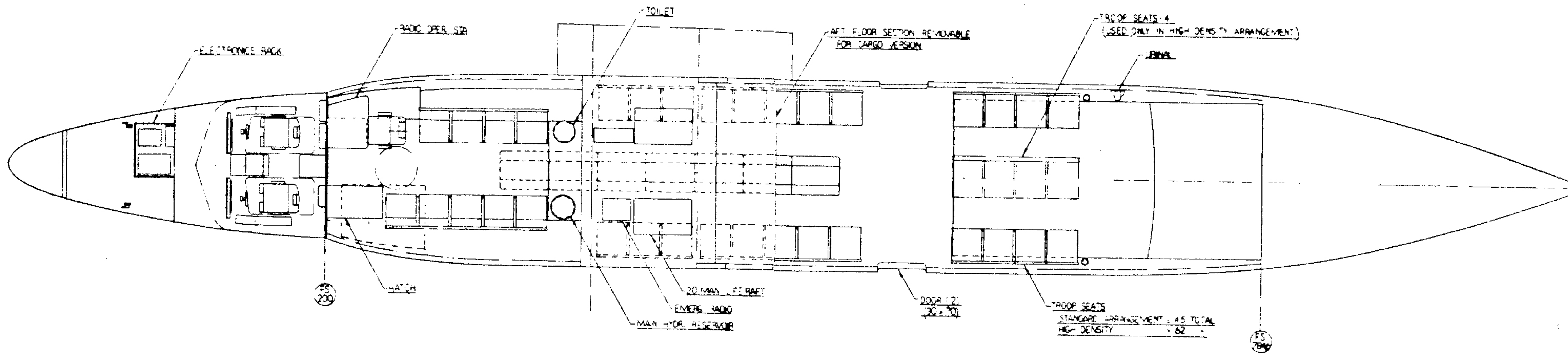
The inboard profile shows the projected troop transport interior. Alternate cargo interiors are also shown.

The CL-423 did not become a reality, but Kawasaki did produce the last of the P2 series, the P2J, a turboprop powered derivative of the P2V-7 (82 eventually were built).

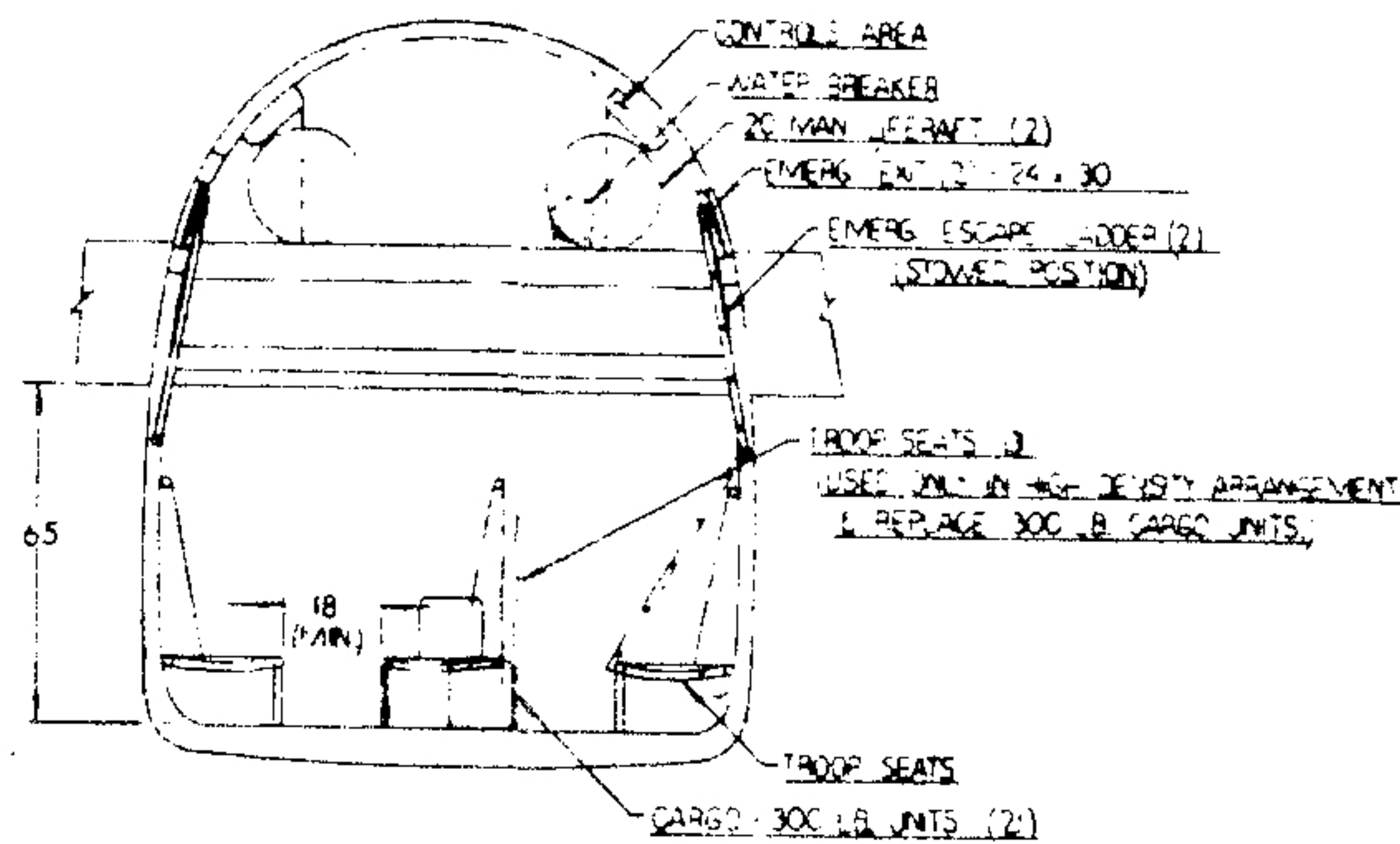








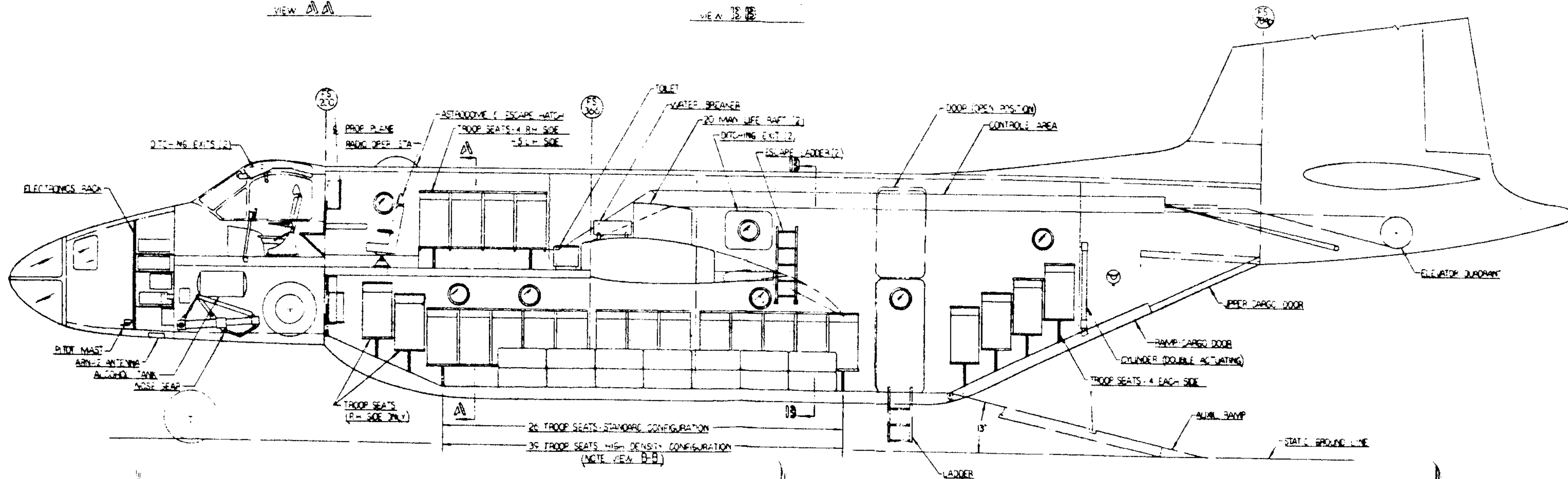
VIEW A-A



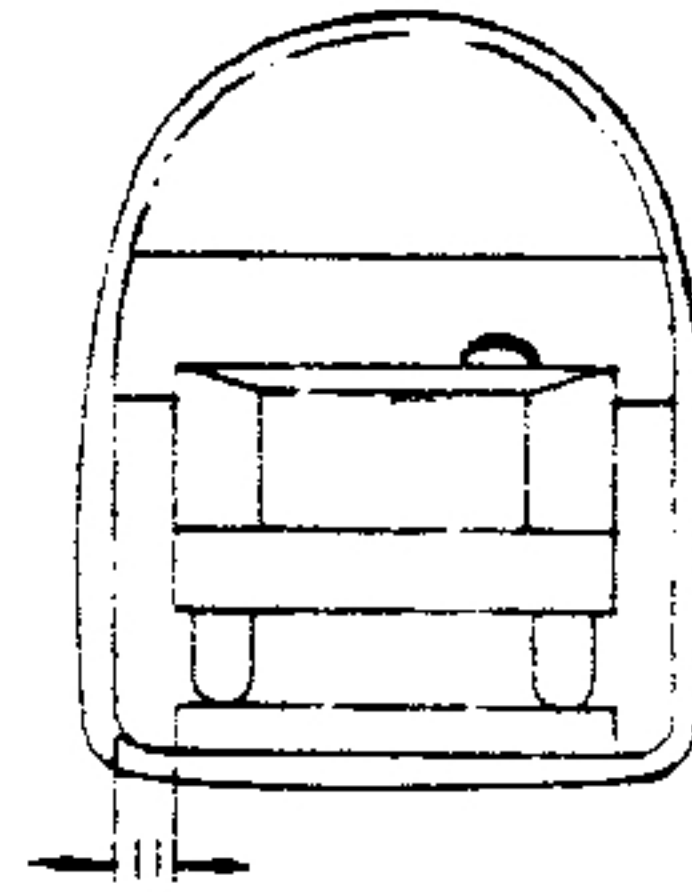
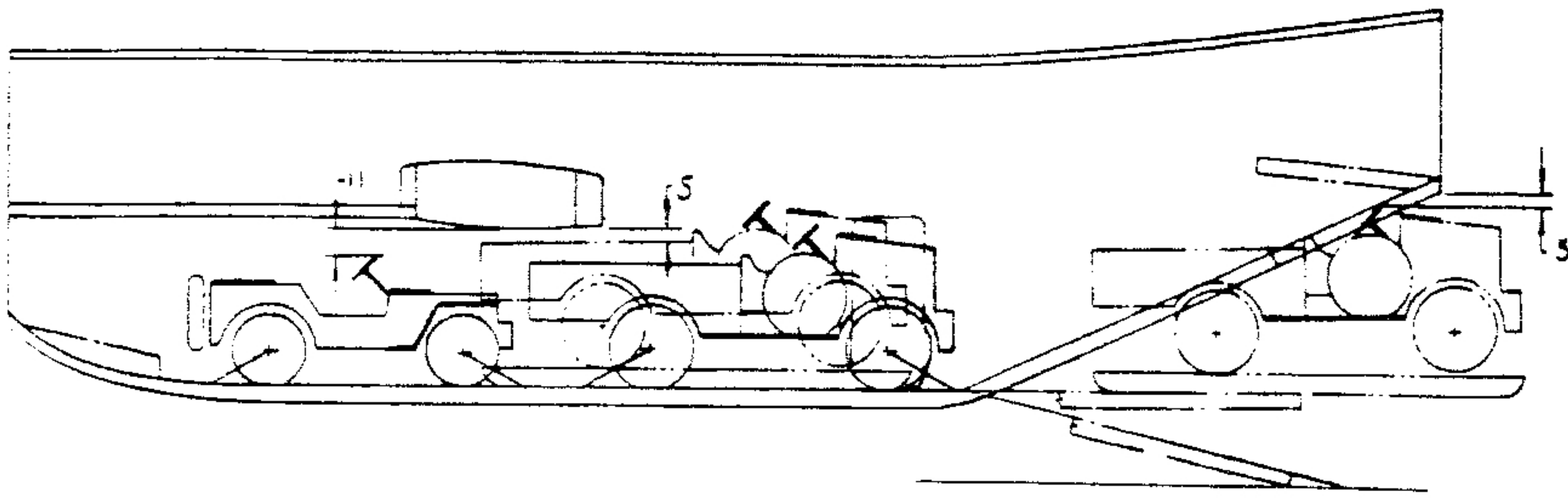
VIEW B-B

CL-423

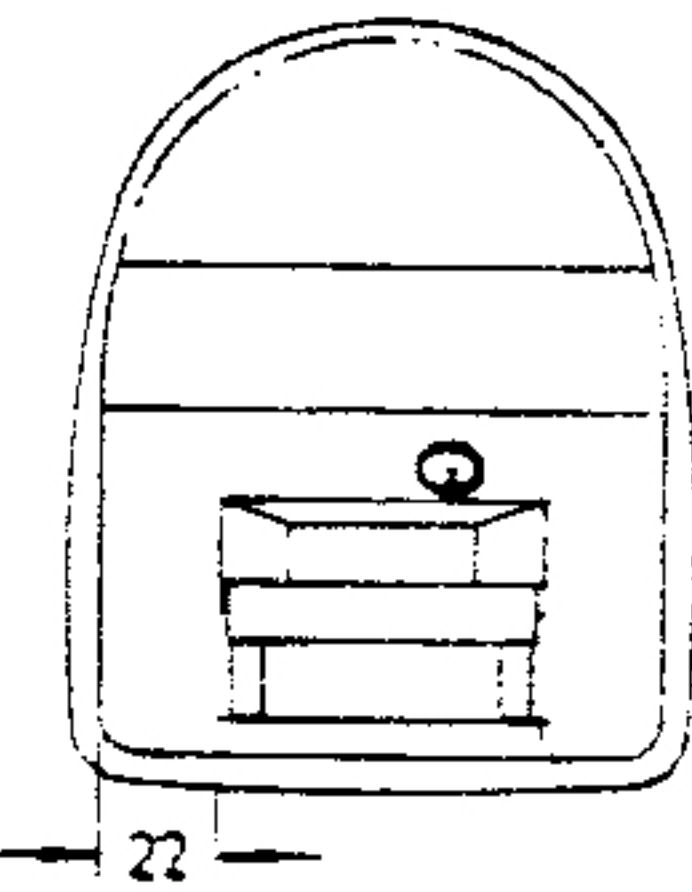
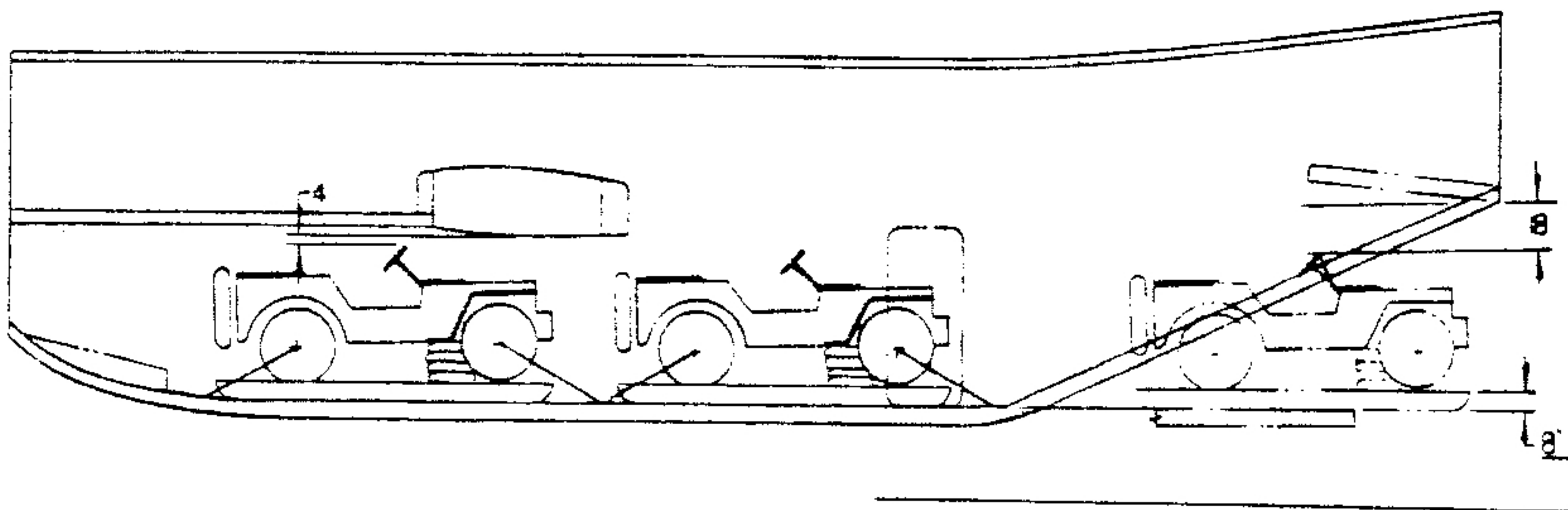
INSIDE PROFILE







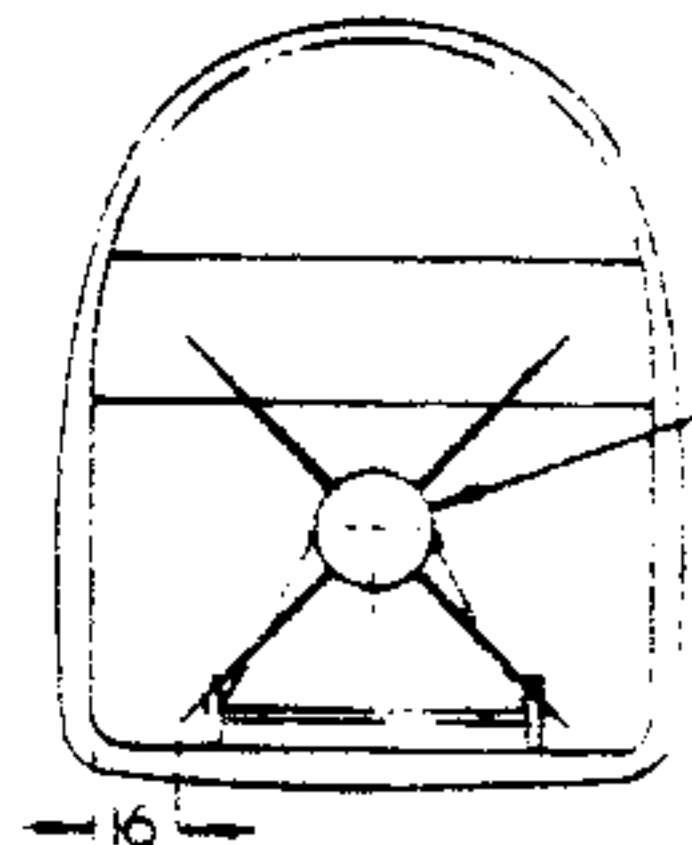
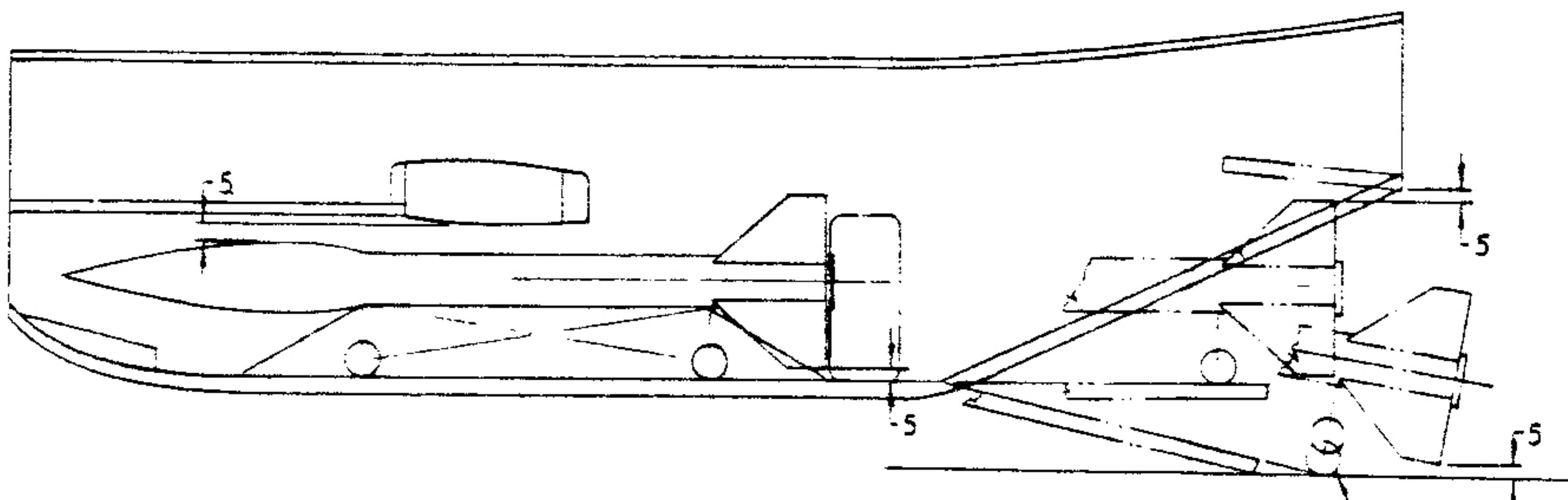
NO. 4 ALTERNATE - 4 x 34 TON TRUCKS - (1 EACH)  
 NO. 5 ALTERNATE - 34 TON TRUCK (1) - (PALLET MOUNTED FOR AIR DROP)



NO. 3 ALTERNATE - 4 TON TRUCKS - (2)  
 (PALLET MOUNTED FOR AIR DROP)

8' PALLET MAX.

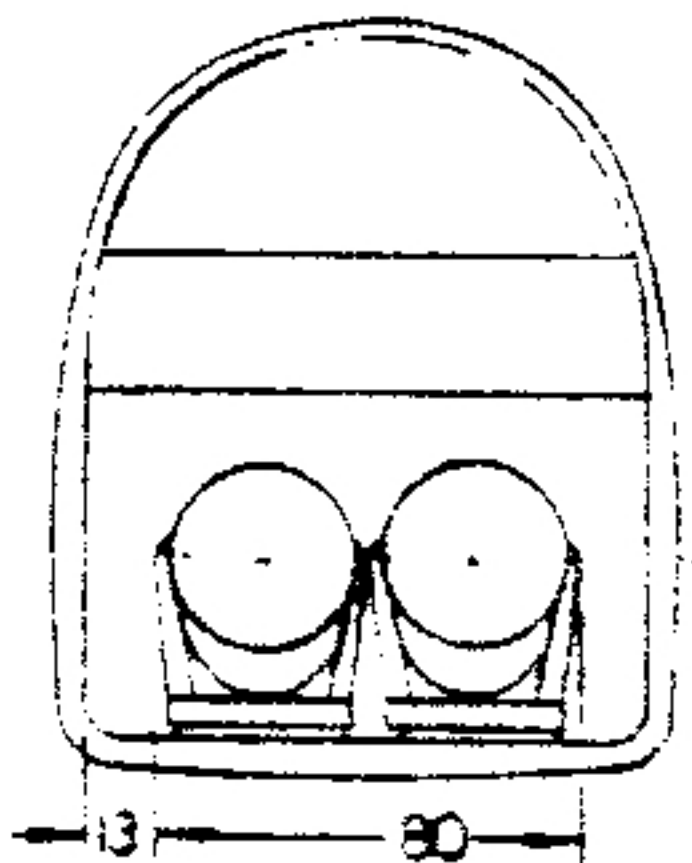
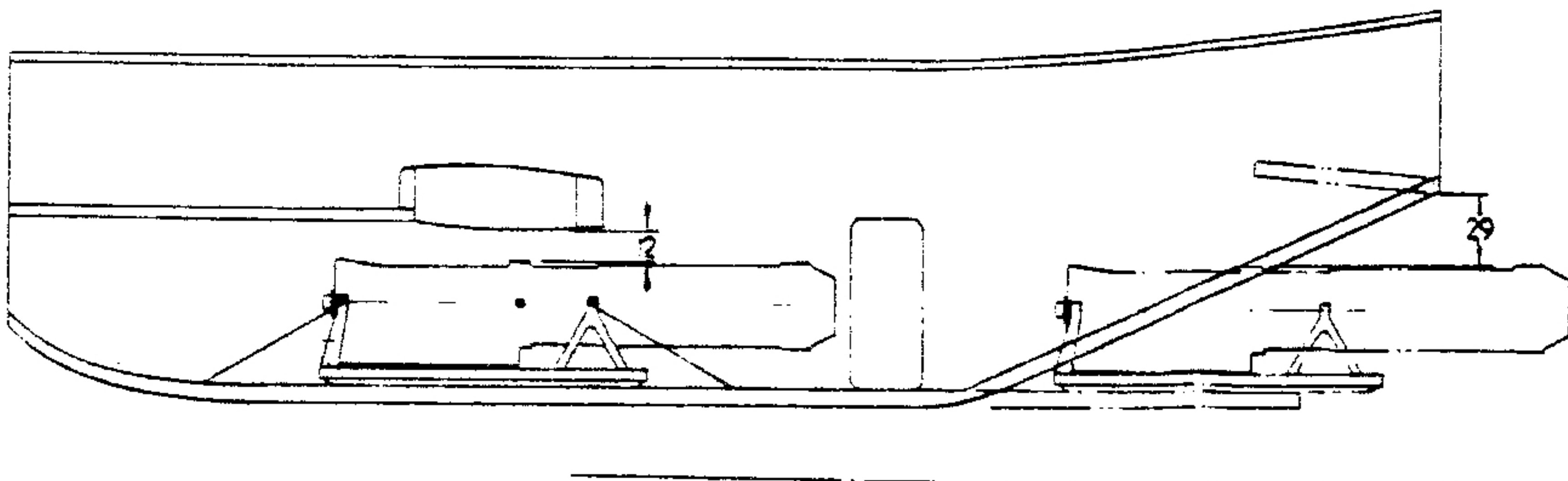
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NOTE:  
 TWO MISSILES CAN BE CARRIED  
 IF FINS ARE PACKED SEPARATELY

NO. 2 ALTERNATE - HONEST JOHN MISSILE - (1)  
 (HORIZONTAL & SLANT RAMP LOADING)

TWO POSITION FOR AFT DOLLY WHEELS:  
 NORMAL FOR HORIZ. RAMP LOADING  
 EXTENDED FOR SLANT RAMP LOADING

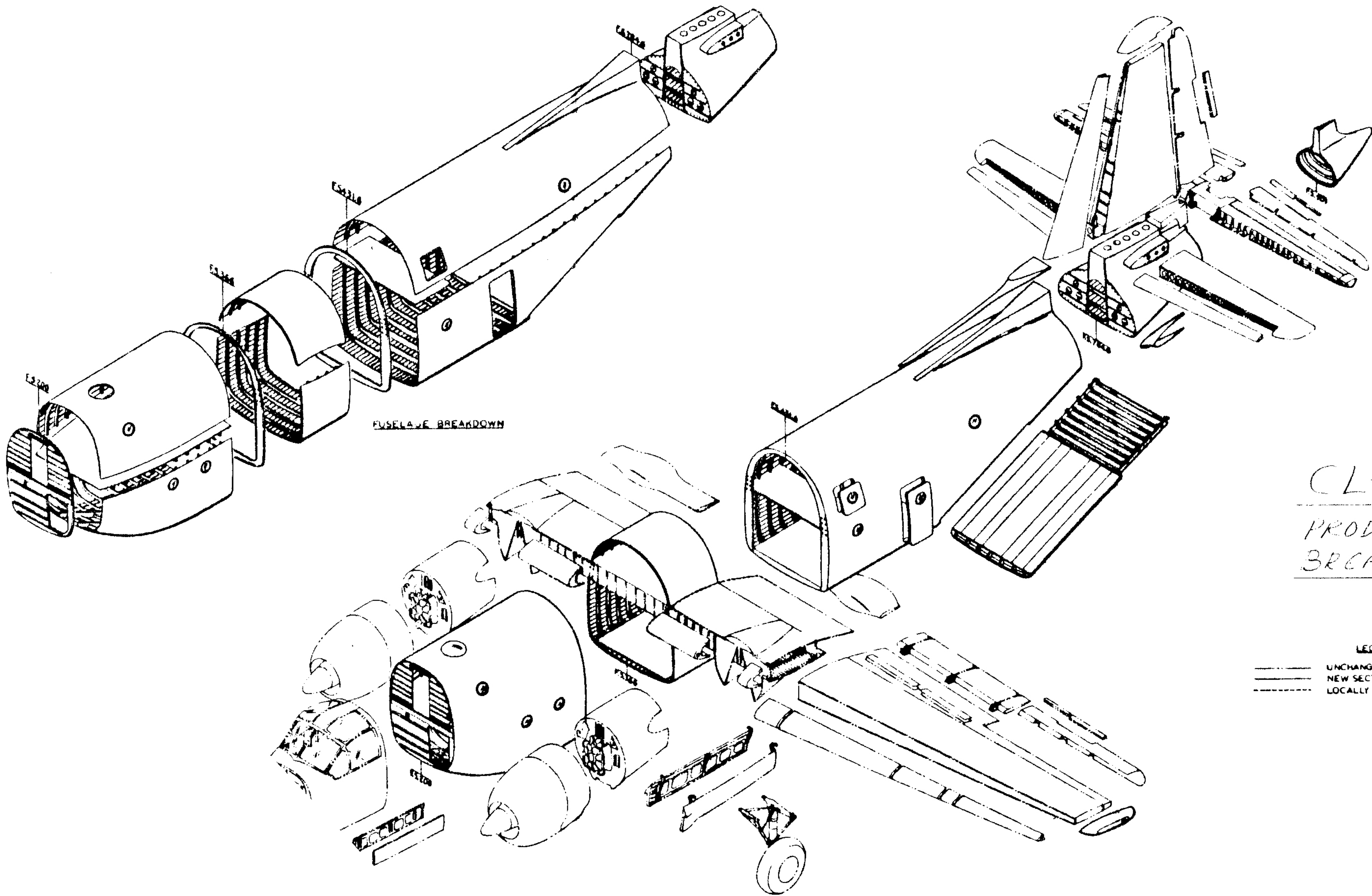


NO. 1 ALTERNATE - J-79 ENGINES - (2)  
 (HORIZONTAL RAMP LOADING)

CL-423 ALTERNATE  
CARGO LOADS







FUSELAGE BREAKDOWN

CL-423  
 PRODUCTION  
 BREAKDOWN

LEGEND  
 ——— UNCHANGED STRUCTURAL SECTIONS  
 - - - NEW SECTIONS  
 ······ LOCALLY MODIFIED SECTIONS