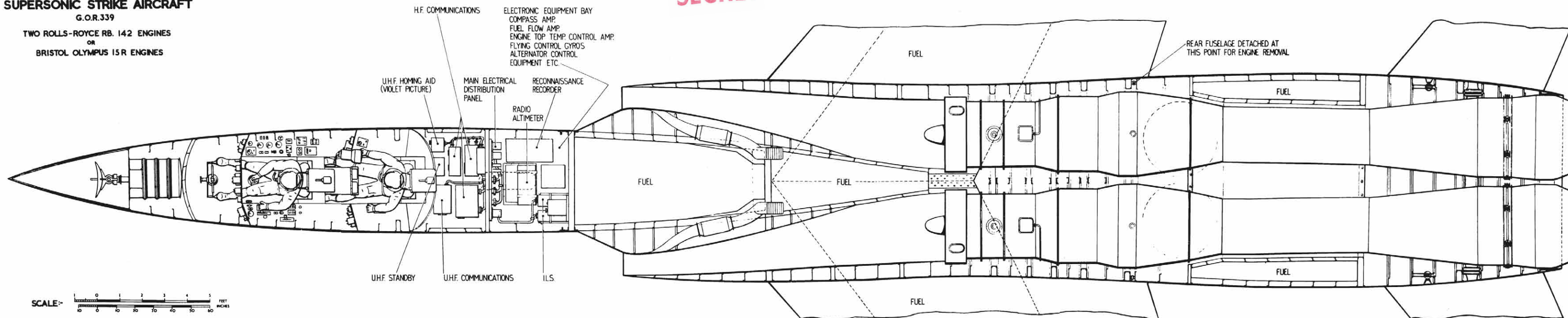


SECRET

SUPERSONIC STRIKE AIRCRAFT
G.O.R.339
TWO ROLLS-ROYCE RB. 142 ENGINES
OR
BRISTOL OLYMPUS 15R ENGINES



HAWKER P.1129. SUPERSONIC STRIKE AIRCRAFT



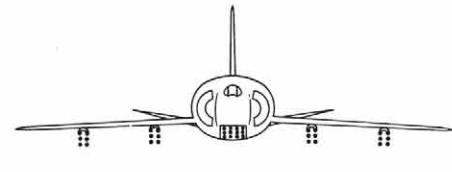
LONG RANGE ATTACK

2000 LB TARGET MARKER IN WEAPON BAY
PLUS
2 x 300 & 2 x 500 GALLS. OF EXTERNAL FUEL.



LONG RANGE RECONNAISSANCE

PACK IN WEAPON BAY COMPRISING -
SIDWAYS LOOKING RADAR. MOVING TARGET INDICATOR.
LINE SCAN EQUIPMENT & U.H.F. RADIO LINK. PHOTO CAMERAS.
PLUS 2 x 300 & 2 x 500 GALLS. OF EXTERNAL FUEL.



MEDIUM RANGE R.P. ATTACK

2 x 12 3" R.P.'S IN WEAPON BAY
PLUS
4 x 6 3" R.P.'S ON WINGS.



MEDIUM RANGE H.V. ROCKET ATTACK

2 x 37 (74) 2" H.V. ROCKETS IN WEAPON BAY
PLUS
4 x 37 (148) 2" H.V. ROCKET BATTERIES.



MEDIUM RANGE H.E. BOMB ATTACK

4 x 1000 LB H.E. BOMBS IN WEAPON BAY PLUS
4 x 1000 LB BOMBS EXTERNALLY,
OR LONG RANGE H.E. BOMB ATTACK
4 x 1000 LB BOMBS IN WEAPON BAY PLUS
2 x 300 & 2 x 500 GALLS OF EXTERNAL FUEL.



"BUDDY" TANKER ROLE

FLIGHT REFUELLING PACK IN WEAPON BAY
WHICH INCLUDES EXTRA 300 GALLS. OF FUEL
PLUS 2 x 300 & 2 x 500 GALLS. OF EXTERNAL FUEL.

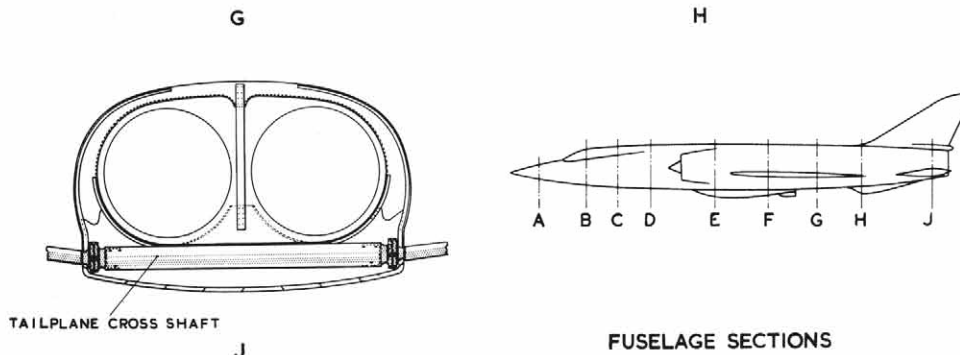
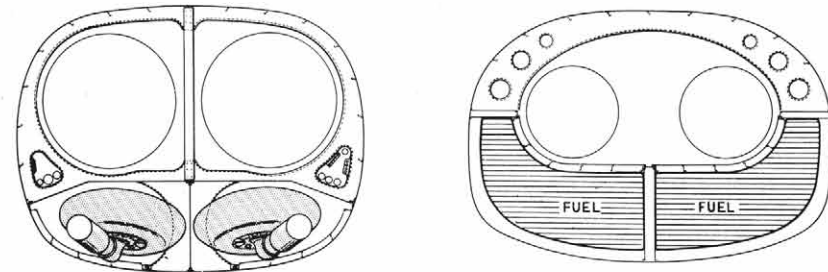
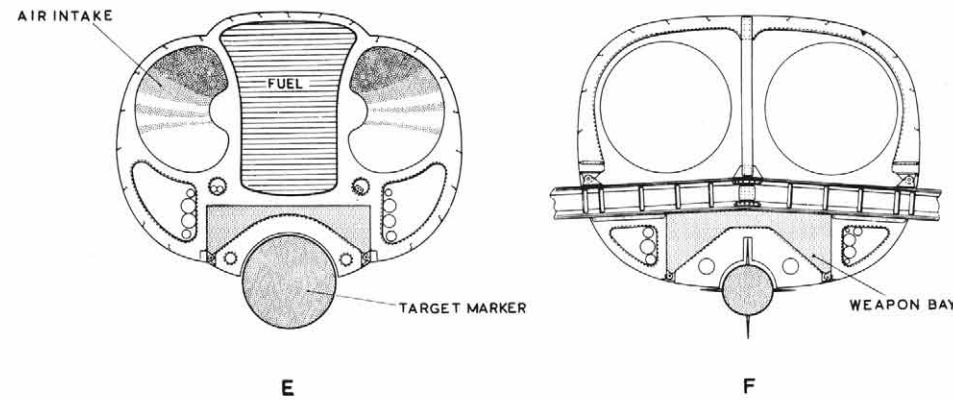
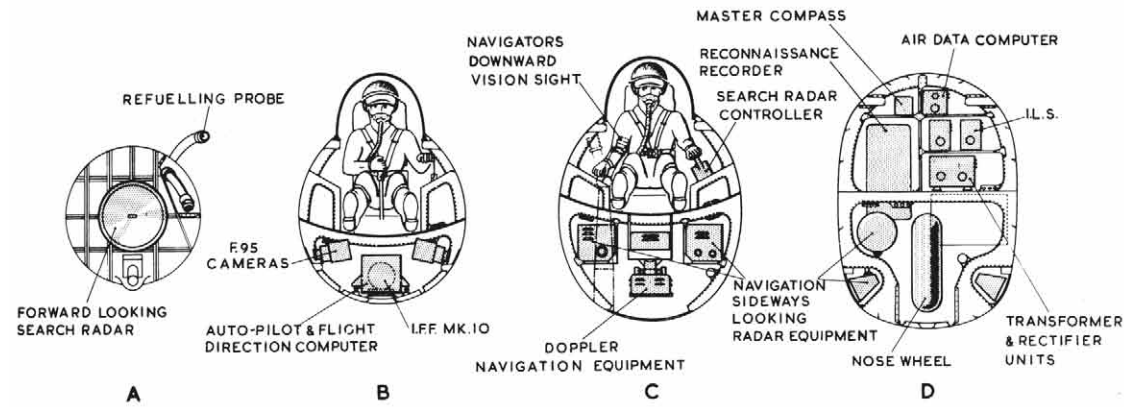


MAXIMUM FUEL, FERRYING ROLE

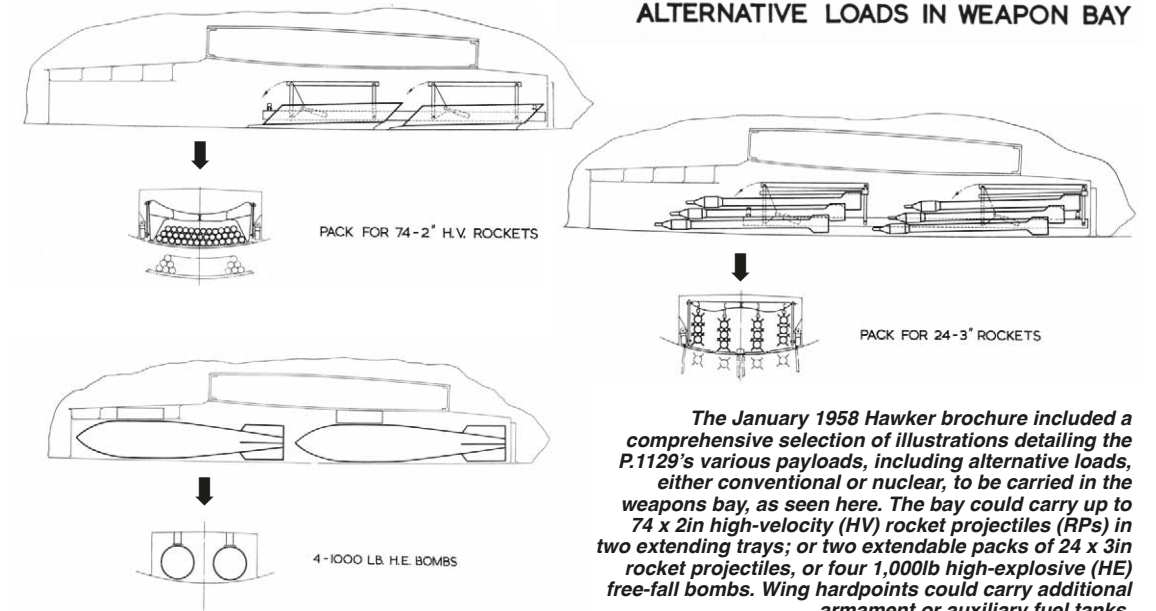
FUEL TANK IN WEAPON BAY. CAPACITY 300 GALLS.
PLUS
2 x 300 & 2 x 500 GALLS. OF EXTERNAL FUEL.

TYPICAL ALTERNATIVE ROLES

HAWKER P.1129 SUPERSONIC STRIKE AIRCRAFT

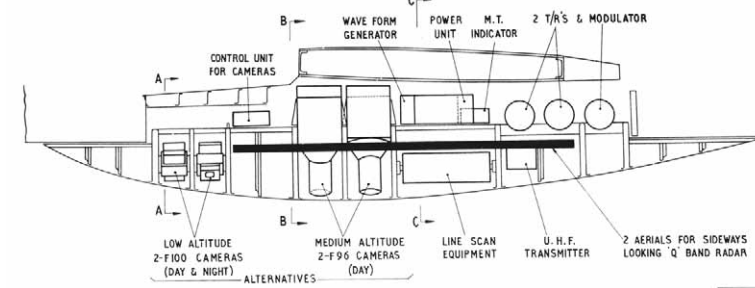


ALTERNATIVE LOADS IN WEAPON BAY

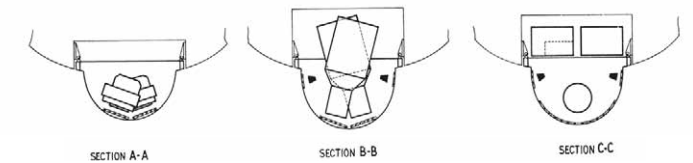


The January 1958 Hawker brochure included a comprehensive selection of illustrations detailing the P.1129's various payloads, including alternative loads, either conventional or nuclear, to be carried in the weapons bay, as seen here. The bay could carry up to 74 x 2in high-velocity (HV) rocket projectiles (RPs) in two extending trays; or two extendable packs of 24 x 3in rocket projectiles, or four 1,000lb high-explosive (HE) free-fall bombs. Wing hardpoints could carry additional armament or auxiliary fuel tanks.

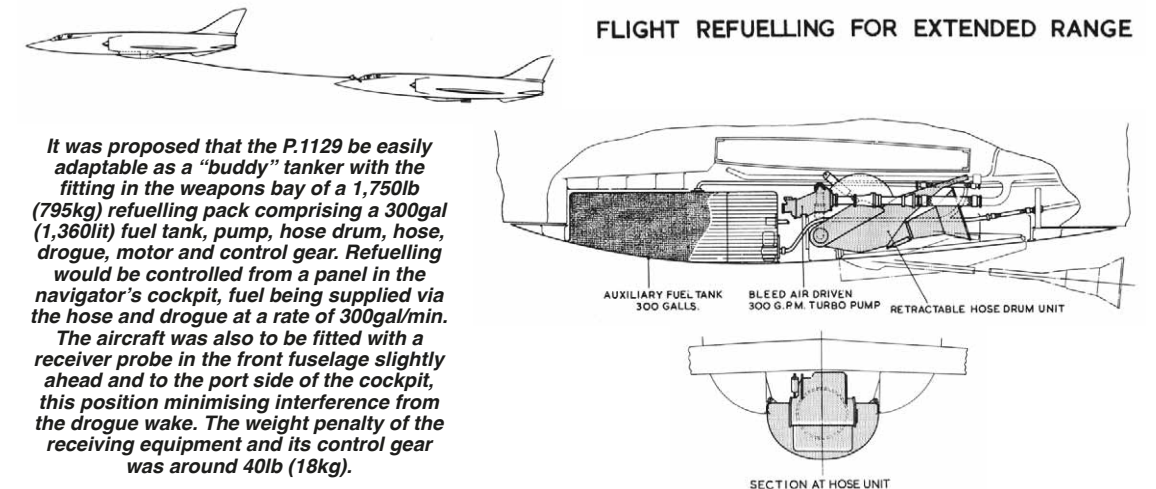
RECONNAISSANCE PACK



In addition to three F-95 cameras installed permanently in the nose, the P.1129 could be fitted with a comprehensive reconnaissance pack in the weapons bay, including a Q-band radar suite, infra-red line-scan equipment and four additional cameras for low- and medium-altitude reconnaissance.



FLIGHT REFUELLING FOR EXTENDED RANGE



It was proposed that the P.1129 be easily adaptable as a "buddy" tanker with the fitting in the weapons bay of a 1,750lb (795kg) refuelling pack comprising a 300gal (1,360lit) fuel tank, pump, hose drum, hose, drogue, motor and control gear. Refuelling would be controlled from a panel in the navigator's cockpit, fuel being supplied via the hose and drogue at a rate of 300gal/min. The aircraft was also to be fitted with a receiver probe in the front fuselage slightly ahead and to the port side of the cockpit, this position minimising interference from the drogue wake. The weight penalty of the receiving equipment and its control gear was around 40lb (18kg).