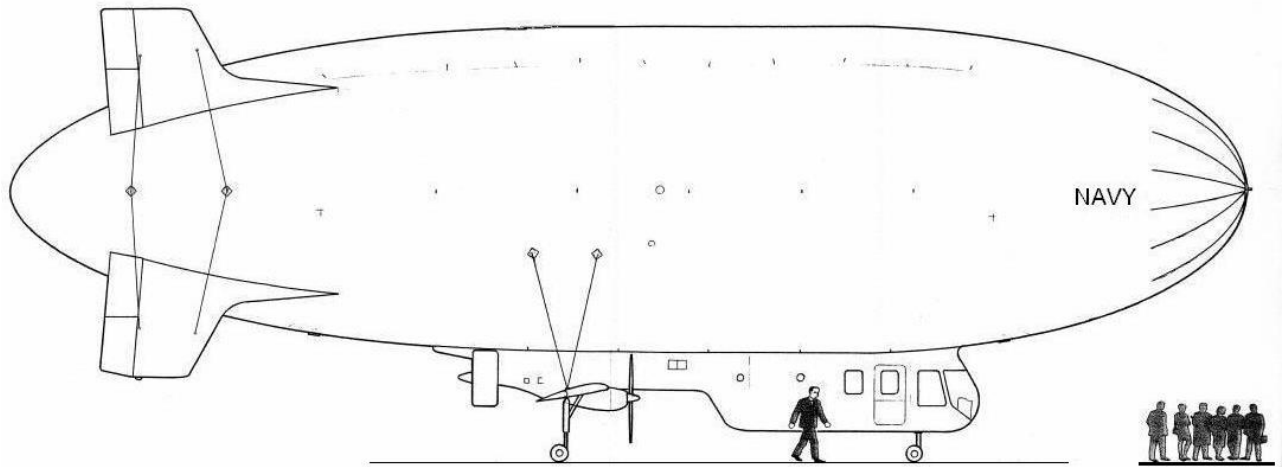
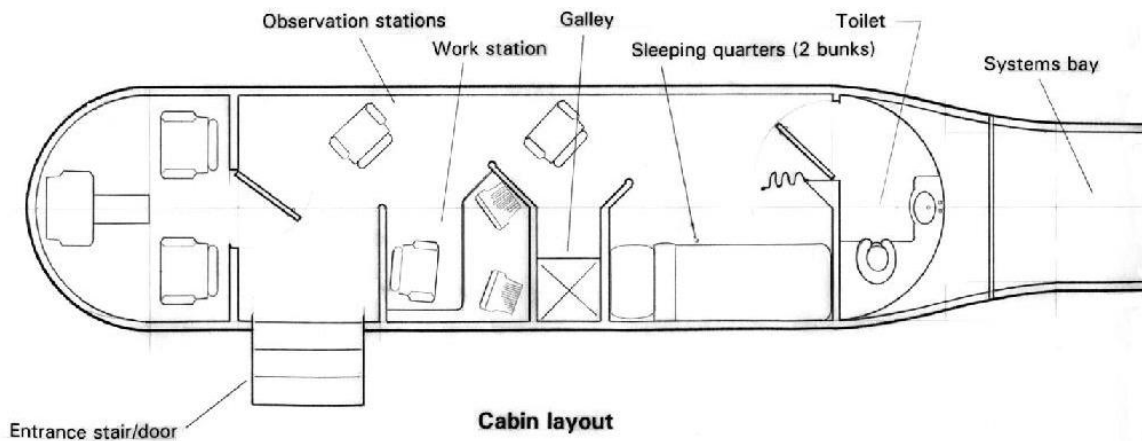


# Patroller 3 – Hybrid buoyant aircraft



Starboard side view of P3, overall length 125 ft, height 45.6 ft



## Specifications

<u>Envelope</u>	Length	125 ft	Diameter	33.6 ft
	Volume	85,000 ft <sup>3</sup>	Overall height	45.6 ft
	Gross Static lift	5,100 lb	Heaviness	10% to 30%
	Take-off	5,610 lb (min.)	weight	

## Tricycle assembly

Overall length	54 ft	Height	11.3 ft
Wingspan	22.1 ft	L.gear	stance 35 ft, track 21 ft

## Cabin

Length (floor)	26.6 ft	Width	6.5 ft
Headroom	6.5 ft	Floor area	173 sq.ft
Sleeping	2 bunks	Toilet	1 aft
Accomm.	1 Pilot		3 to 5 crew total

## Powerplants

Main engines 2 x 130 SHP DAIR 100 diesel

## Propellers

Two blade, 100 inch diameter

## Dash engine

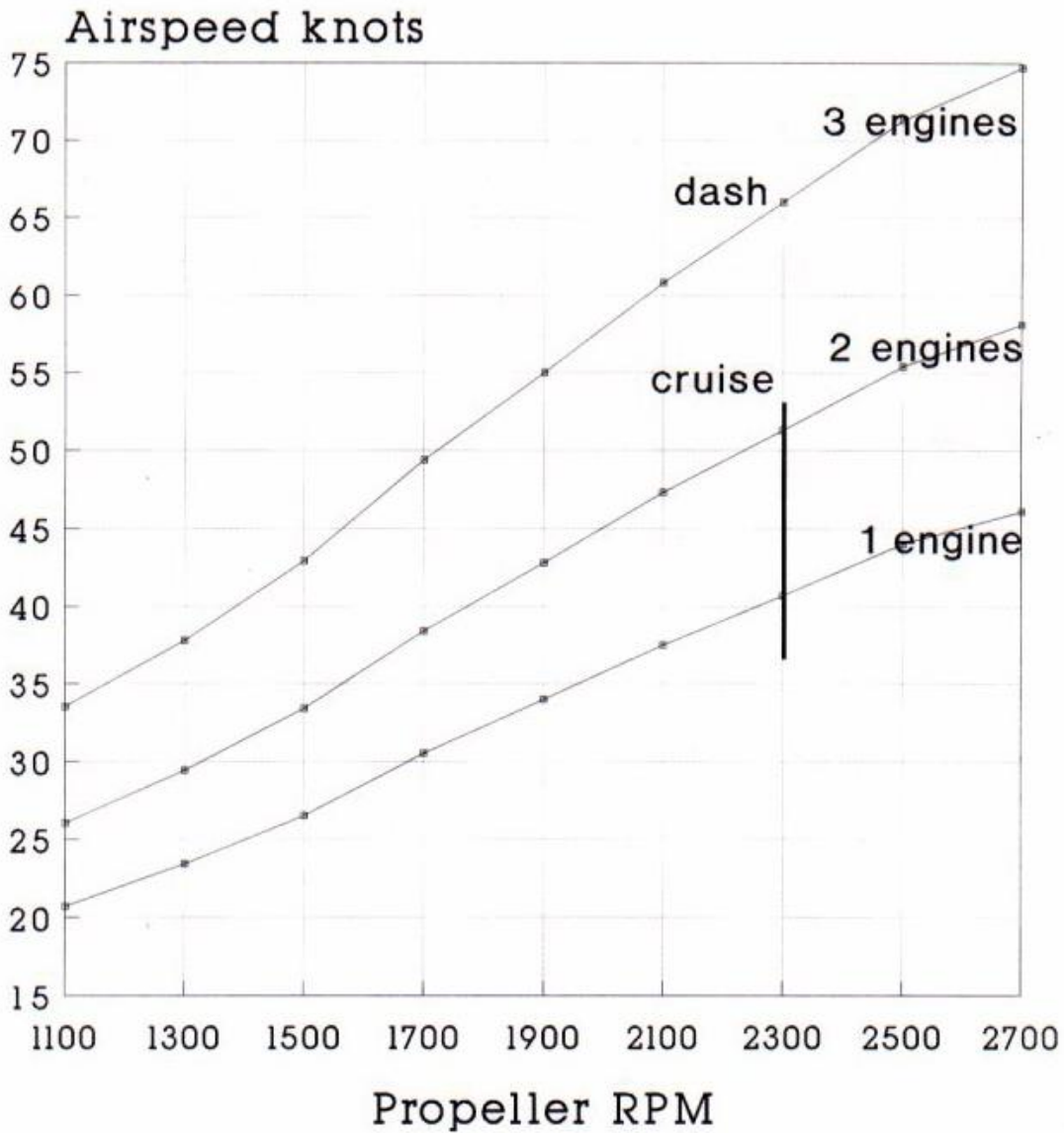
200 SHP Freedom 1590

# Patroller 3 – Performance charts (based on LU.XR)

- (i) Airspeed
- (ii) Fuel consumption
- (iii) Endurance
- (iv) Range



## Light Utility XR Airspeed vs RPM

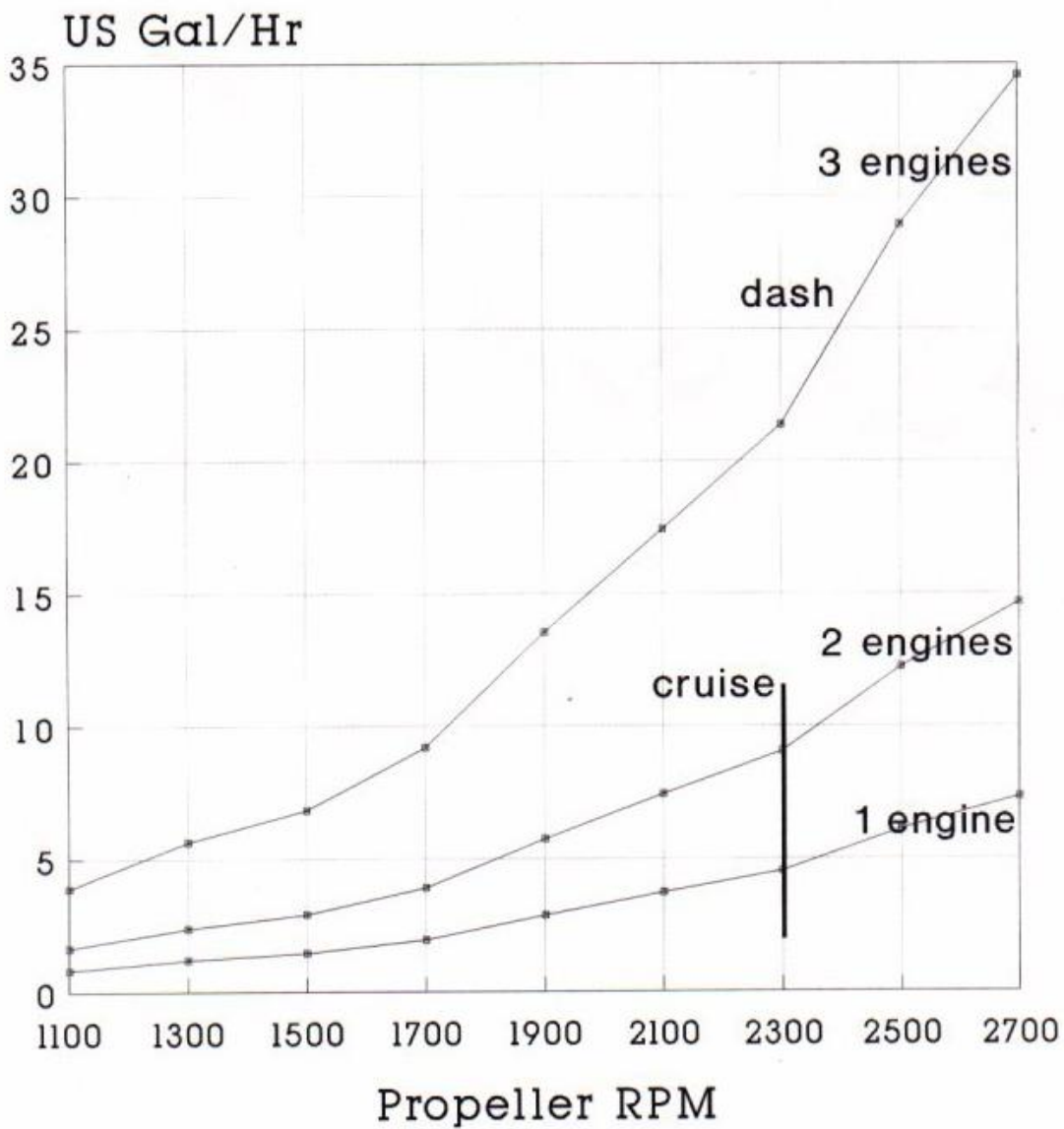




Advanced  
HYBRID  
Aircraft

# Light Utility XR

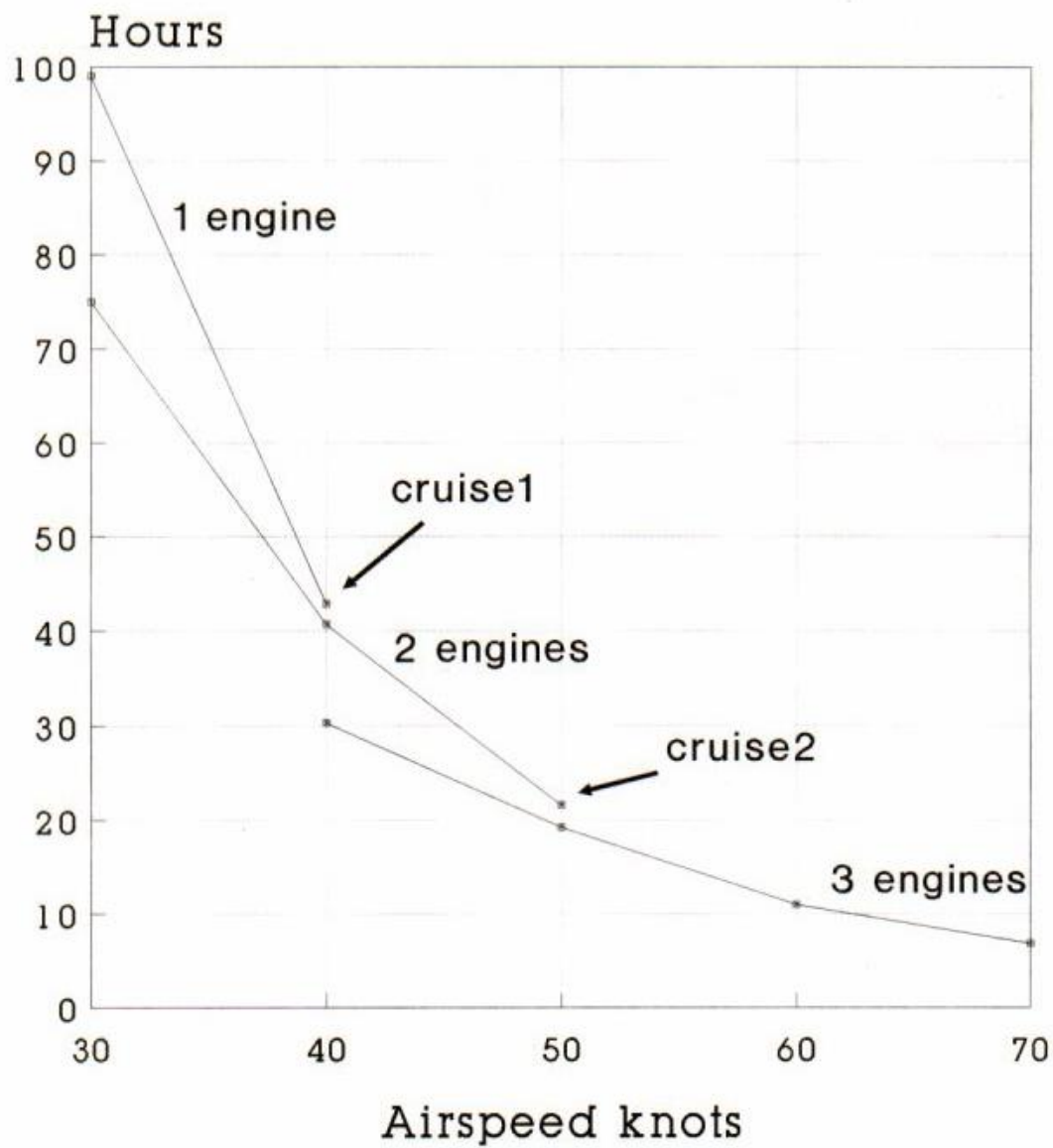
## Fuel consumption





Advanced  
HYBRID  
Aircraft

# Light Utility XR Endurance





Advanced  
HYBRID  
Aircraft

# Light Utility XR

## Range (still air)

