



CAMMELL LAIRD

LEANDER FRIGATE (example specification -117m variant)

Available variants: 99m / 102m / 117m / 120m - Fully customisable to national requirements



DIMENSIONS

| | |
|---------------------------|---------|
| Length overall | 117.00m |
| Beam, moulded | 14.60m |
| Design draft | 4.50m |
| Air draft, light seagoing | 27.00m |
| Displacement | 3,677t |

SITUATIONAL AWARENESS

Radar – Artisan 3D or 4D Active
Electronic Scan
R-ESM – MEWSS Blk1 or Vigile400/D
Datalink – TDL11/16/22, STDL
IFF – Military modes 4 and 5

COMMAND AND CONTROL

BAE Systems Combat Management
System with full dual redundancy and
multi-level security
Shared Infrastructure
Scalable METOC

WEAPONS AND COUNTERMEASURES

Main Gun – (57mm to 127mm)
Secondary Guns – (20mm to 40mm)
Mini-Guns and Heavy Machine Guns (HMG)
General Purpose Machine Gun (GPMG) mounts
Surface-to-air missile – 12+ CAMM missile launchers
(Vertical Launching System (Strike Length) can also be fitted midships to fire a mixed load of
AAW, ASuW, ASW and land attack missiles)
ASW – Hull mounted sonar and twin tow array
CIWS - Phalanx
Decoys – Decoy launching system capable of launching RF active seduction rounds, IR & RF
seduction rounds and RF distraction rounds

PERFORMANCE

| | |
|---|---------|
| Maximum speed | 25kn |
| Range at 12kn | 8100nm |
| Range at 16kn | 7600nm |
| Endurance with core crew | 35 days |
| Turning Circle (ship lengths) | 5 |
| Stopping distance (ship lengths) | 4-5 |
| Main Engines (2x, total output) | 9.1MW |
| Gearboxes 2x (Port Z-type, Stbd U-type) | |
| Electric Drive | |
| Shaft and propeller | CPP |
| Stabilisers | 2 |

MISSION BAY

ISO Containers (max 8)
HADR and Special Forces options
Hatch – ISO capable
Crane – 4t
Combinations of:
- 2 x PAC24
- 2 x 9.5m boats
- ISO containers

www.cammell-laird.co.uk

+44 (0)151 649 6600

leander@cammell-laird.co.uk





CAMMELL LAIRD

'Leander' is at the cutting edge of modern warship design: stealthy, hardened/survivable, high endurance, battle winning combat management system and bristling with enormous firepower.



She is the epitome of UK naval engineering: demonstrating the real application of 'design for cost'; delivering maximum military capability for a budget, whilst achieving easy manufacture and low through-life running costs.

Images copyright ©2018 BAE Systems. All Rights Reserved

