

Clarification Question Set No. 3

Q8 - Able to provide a range of 200nm at full load'. What is the definition of 'full load?'. Is it the 500 kg and/or 6 pax or just the crew?

A8 - Full load is 500kg or 6 Pax (Generic Pax weight – 100Kg + baggage – 10-15Kg)

Q9 - What is the definition of DEFSTAN 00-133 and within this publication, where is the definition of MARSTAT 01?

A9 - DEF STAN 00-133 Part 01 Issue 3 definition of MARSTAT 1 is:

MarStat 1. Air System with design features or specific modifications¹ to enable sustained operations from naval platforms. The Air System and its weapons must be: capable of movement and safe stowage on deck during inclement conditions and operations by day and night in mainly benign conditions, issued with appropriate maintenance procedures to counter corrosion, but are not sufficiently hardened against the effects of EM and will have to operate with severe restrictions.

¹ Fundamental Air System design features or modifications required include: sufficient tie down points to allow nylon and chain lashings to be fitted, compatible refuel facilities, main and tail rotor restraint facilities, flotation equipment, underwater egress facilities.

Q10 - What is the maximum expected Sea State for the aircraft to operate in? Will it be limited to individual SHOL/HOSTACS?

A10 - MARSTAT 1 (as above) states mainly benign conditions. Initially the intention is to achieve a HOSTAC clearance, this will provide a minimum clearance to land on British and NATO ships. Where necessary there may be a desire to pursue further clearances for British ships post IOC.

Q11 – MCT – will the crew require to be 'on call' outside of exercises?

A11 - No

Q12 - VERTREP – Will the aircraft require to have both an internal load of 500 KG and an external load of 1000KG simultaneously?

A12 - No

Q13 - Does the RFI require Radius of Action or Range figures?

A13 - Both – Overall range figure of 200NM is to ensure the platform has range capability (standard endurance fuel performance). User requirement document is more specific:

- Move 6 pax (100kgs per pax) plus personal baggage over RoA from PU location of 50 Nm plus 30 mins on task.
- Deploy/Move a 1000 Kg external load over RoA of 30 Nm plus 30 mins tasking.

The RoA figures are more specific to take into consideration higher fuel burn/approaches/loiter time etc.