

MDAL	Approval Status	Title	Related Document	Project Applicability	Description	Release to Industry	Date Reviewed	Closure/Tx Details
9	Approved	Training		Training	Training will be provided to 36 personnel in year 1 & year 3 (72 total). Training will be DSAT compliant and will look to "train the trainer" approach. User to specify personnel – experience, suitability, geography.	TRUE		
11		Training		Training	Training will take place in UK, including the following but not limited too: Wattisham, Middle Wallop, Odiham, Benson for Army & Navy Command Culdrose with MoD supplying training rooms.	TRUE	22/09/2017	
12		Technical		CSAT	Geographic Intelligence - The project will specify the mapping data to be used and it will be supplied by MoD - (No1AIDU) incorporating Digital Vertical Obstruction File (DVOF) data from Defence Geographic Centre (DGC) on a 28 day cycle. This information providing a DVOF is the mandatory data utilised by the software. This is the only data set the accreditator has assured, NGA data will be insufficient.	TRUE	22/09/2017	
14		Trials		CSAT	The project intends to use JHC Rotary Wing Operational Evaluation Trials Unit (RW OETU) for support to trials/Downselect	TRUE	22/09/2017	
15		Trials		CSAT	If required the project intends to contract QinetiQ for flight and ground trials to support Release To Service activities.	TRUE	22/09/2017	
22		Training		CSAT	Personnel attending vendor lead training will be SQEP aircrew and not student/non qualified/not awarded wings	TRUE	30/09/2017	
23		URD		HFI	The User shall require no additional staff beyond existing posts to deliver the capability. This demonstrates the day to day use of the system should be within the capabilities of a user after initial training provided by MoD trainers.	TRUE	13/10/2017	
24		URD		HFI	The capability shall integrate humans in ways that maximise safety systems.	TRUE	13/10/2017	
25		URD		HFI	The User requires a capability that imposes minimally on their operation.	TRUE	13/10/2017	
26		URD		Security	The User requires a system that shall be capable of handling up to and including SECRET Information.	TRUE	13/10/2017	
27		URD		Platform Clearance	The User shall be able to operate the system within the operating envelope and limitations of the host platform. Applicable to Rotary Wing aircraft operating at low level.	TRUE	13/10/2017	
28		URD		Platform Clearance	The User requires a system that shall not adversely affect normal or emergency egress from the host platform.	TRUE	13/10/2017	
29		URD		Platform Clearance	The User requires a system that shall operate independently of, and not interfere with, existing cockpit systems including Electro Magnetic Compatibility (EMC).	TRUE	13/10/2017	
30		URD		Platform Clearance	The User requires a system that is sufficiently robust to allow sustained operation in a military environment.	TRUE	13/10/2017	
31		URD		Ground Preparation	The User shall be able to load concurrently from an external source, and have access through the system to, all No 1 Aeronautical Information Document Unit (AIDU) mapping, obstruction and wire databases for any area of operations; as available within the No1 AIDU Electronic Flight Bag .	TRUE	13/10/2017	
33		URD		Ground Preparation	System updates should be provided on hard disk/drive. It is expected the Base Station will be the prime method of updating the tablets.	TRUE	13/10/2017	
34		URD		Ground Preparation	The User requires that the system shall provide capability to incorporate refreshed data in a timely manner which is not more than the distribution cycle for paper documents.	TRUE	13/10/2017	
35		URD		Ground Preparation	The system shall have a comprehensive, clear and effective user manual, suitable for training, which takes the user through the logic of how the system is designed to operate.	TRUE	13/10/2017	
36		URD		Ground Preparation	There will be a Quick Reference Card for basic system operations, as an aide memoir.	TRUE	13/10/2017	
37		URD		Ground Preparation	The User shall be able to annotate maps on the system in standard aeronautical format to capture standard flight plan data.	TRUE	13/10/2017	
38		URD		Ground Preparation	The User shall be able mark specific areas of maps within the system.	TRUE	13/10/2017	
39		URD		Ground Preparation	The User shall be able to add new objects to the map database and to recognise this entity for future flights wires / obstructions.	TRUE	13/10/2017	

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40		URD		Ground Preparation	The user shall be able to import external data files comprising standard aeronautical data and display, where appropriate, this data as part of the map.	TRUE	13/10/2017	
41		URD		Ground Preparation	There shall be search functionality within the system.	TRUE	13/10/2017	
42		URD		Ground Preparation	The User shall be capable of restoring the system from supplied resource and not require supplier support.	TRUE	13/10/2017	
43		URD		Ground Preparation	The User shall be able to check the validity of the data loaded into the system to ensure the latest mapping data as supplied by DGC is loaded.	TRUE	13/10/2017	
44		URD		Ground Preparation	The User shall be able to confirm the configuration of the data set loaded into the system. An automatic system update prompt would be desirable.	TRUE	13/10/2017	
45		URD		Ground Preparation	The User shall be able to import exercise maps.	TRUE	13/10/2017	
46		URD		Flight Operation	The User requires a system that maintains GPS performance in UK military helicopter types to enable effective alerting during normal military flying operations.	TRUE	13/10/2017	
47		URD		Flight Operation	The User requires a system that will inform of loss of valid GPS position.	TRUE	13/10/2017	
48		URD		Flight Operation	The User requires the ability to view, in colour, the obstruction data represented onto all geo-products of the operational area.	TRUE	13/10/2017	
49		URD		Flight Operation	The User shall be able to zoom in / out using highest resolution imagery without detrimental delay and the maximum possible refresh rate, such that it will not affect operations. Be able to scroll pan and scan across all geo-products.	TRUE	13/10/2017	
50		URD		Flight Operation	The User shall be able to use the system without adverse effect on the use of Night Vision Goggles (NVGs) or other current Night Vision Systems (NVSs).	TRUE	13/10/2017	
51		URD		Flight Operation	The User shall be able to operate the system continuously, independent of aircraft power. Changing of batteries shall not result in a need to reconfigure the system from the pre battery change configuration.	TRUE	13/10/2017	
52		URD		Flight Operation	The User shall be warned of system low power. Minimal battery life shall be >4 hours with >8 hours desirable.	TRUE	13/10/2017	
53		URD		Flight Operation	The User requires that information displayed on the system shall be legible in all conditions of sunlight and time of day; dawn / dusk / night.	TRUE	13/10/2017	
54		URD		Flight Operation	The User shall be able to fully operate the system in existing aircrew clothing, particularly in gloves.	TRUE	13/10/2017	
55		URD		Flight Operation	The User requires the system to provide effective securing within the cockpit to allow in flight operation.	TRUE	13/10/2017	
56		URD		Flight Operation	The User requires the system to allow user reconfiguration of the display mode to different modes.	TRUE	13/10/2017	
57		URD		Flight Operation	The User shall be able to access 3D visualisation of geographic data including wire and obstruction information as supplied by DGC and DVOF.	TRUE	13/10/2017	
58		URD		Flight Operation	The User requires an alerting system that provides a visual alert of the risk to a CFIT event. Further capability to provide a tactile alerting mechanism would be desirable. The alert parameters should be adjustable to suit sortie details.	TRUE	13/10/2017	
59		URD		Flight Operation	Due to the system being employed on multiple platforms any tactile alert should be tuneable to ensure the alert is distinguishable from ambient platform noise / vibration.	TRUE	13/10/2017	
60		URD		Flight Operation	The capability shall integrate humans in ways that maximise safety systems.	TRUE	13/10/2017	
61		URD		Flight Operation	The User requires a capability that imposes minimally on their operation	TRUE	13/10/2017	
62		URD		Security Accreditation	The User requires a system that shall be capable of handling up to and including SECRET Information.	TRUE	13/10/2017	
63		URD		Additional Functionality	The system shall be capable of supporting Flight Reference Cards (FRC) with the User being able to access and search platform FRCs through the system.	TRUE	13/10/2017	
64		URD		Additional Functionality	The User will be able to load and interrogate Air Tasking Orders / Airspace Co-ordination Messages.	TRUE	13/10/2017	

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65		URD		Additional Functionality	The system shall provide & support Automatic Identification System software for maritime Identification Friend or Foe.	TRUE	13/10/2017	
66		Training		CSAT	Each training evolution will be expected to take place over 1 full day.	TRUE	19/10/2017	
71		Technical		Hardware	The Panasonic FZ-M1 tablet will be the hardware specified for use with the vendor software.	TRUE	20/12/2017	
72		Technical		Software	Russian Anti-Virus Software is to be avoided.	TRUE	20/12/2017	
73		Technical		Software	3rd party Anti-Virus Software to be agreed with the Authority prior to its incorporation onto the CSAT system.	TRUE	20/12/2017	