



Inspired Flight Technologies, Inc.

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IF750 NDAA sec. 848 Compliance Specification Sheet,

Updated July 2022

COMPONENT	COMPONENT NAME	MANUFACTURER	MANUFACTURER PLACE OF DOMICILE	COUNTRY OF MANUFACTURE	INCLUDED W/ BASE AIRCRAFT	REQUIRED FOR OPERATION
Flight Control System	Flight Core	ModalAI, Inc.	United States of America	United States of America	Yes	Yes
Flight Control Software	PX4 Autopilot	Dronecode Project, Inc.	United States of America	United States of America	Yes	Yes
GPS & Compass / GNSS Receiver	mRo GPS u-Blox Neo-M9N - IST8308	Mayan Robotics LLC	United States of America	United States of America	Yes	Yes
Power Distribution Board	IF-PDB4	Inspired Flight Technologies, Inc.	United States of America	United States of America	Yes	Yes
Manual Control Console	DS-12	JETI model s.r.o.	Czech Republic	Czech Republic	Yes	No**
Telemetry Radio	RFD900X-US (FCC Approved)	RFD Design Pty. Ltd	Australia	Australia	Yes	No**
Ground Control Station	Blue Herelink*	NW Blue LLC	United States of America	United States of America	Optional (replaces DS12 & RFD900X)	No**
Ground Control Software	QGroundControl	Dronecode Project, Inc.	United States of America	United States of America	Yes	Yes
Data Storage	SanDisk 32GB microSD	Western Digital Technologies, Inc.	United States of America	Taiwan	Yes	No
FPV Camera	HawkEye Firefly Q6	Eagle Eye Aerial Photography Co., Ltd.	China	China	Optional	No
Gimbals	S1 v3 Gimbal	Gremsy Co., Ltd	Vietnam	Vietnam	No	No
	Pixy Series Gimbals	Gremsy Co., Ltd	Vietnam	Vietnam	No	No
	Mio Series Gimbals	Gremsy Co., Ltd	Vietnam	Vietnam	No	No
Cameras	Alpha 6600	Sony Group Corporation	Japan	China	No	No
	RX1R II	Sony Group Corporation	Japan	Japan	No	No
	RX0 II	Sony Group Corporation	Japan	Japan	No	No
	WIRIS Enterprise	WorksWell s.r.o.	Czech Republic	Czech Republic	No	No
	WIRIS Pro Series	WorksWell s.r.o.	Czech Republic	Czech Republic	No	No
	WIRIS Security	WorksWell s.r.o.	Czech Republic	Czech Republic	No	No

* While NDAA compliant, Defense Innovation Unit has determined that the [Blue Herelink](#) product is not approved for Department of Defense UAS operations.

** The IF750 must have radio communication to operate, either the DS-12 and RFD900X-US in tandem with a user-provided ground station, or the Blue Herelink.