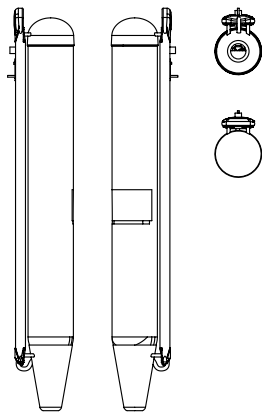
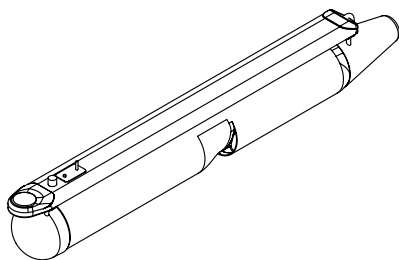




NSP-5 KU™

IMSAR'S NSP-5 CONFIGURATION SIMPLIFIES THE INTEGRATION REQUIRED TO PROVIDE MULTIPLE CAPABILITIES TO MANNED OR UNMANNED PLATFORMS.



SIMPLIFY INTEGRATION

The NSP-5 is designed for versatile integration either as a standalone sensor payload or as complement to existing payloads. With no more than three inputs – power, ethernet, and gps – the NSP-5 is quickly and easily affixed to an aircraft's wing or fuselage.

INCREASE CAPABILITIES

The NSP-5 pod houses an enclosed electronically steered array (ESA) antenna and includes a Ku-band NanoSAR system. Adding the NSP-5 to any aircraft provides high resolution SAR imagery, coherent change detection (CCD), ground moving target indicator (GMTI), and maritime search and detection.

BIG PERFORMANCE ON SMALL PLATFORMS

With the lowest size, weight, and power (SWaP) of any SAR system available, the NSP-5 generates detailed, real time images and detections. The NSP-5 provides smaller platforms advanced capabilities that have not been previously available to those platforms. Successful integrations include the Shadow, Integrator, Cessna Skyhawk, and many more.

PART OF THE FAMILY

As part of the NSP-5 line of products, the NSP-5 KU shares the same mounting apparatus as the other NSP-5 products. This means that depending on the mission parameters and the available resources, any of the NSP-5 family can be easily substituted for another on the same aircraft. Alternatively, the shared integrations of the NSP-5 family makes it quick and easy to move a single NSP-5 product across multiple aircraft. The NSP-5 family allows the user to do much more with less.



SYSTEM SWAP

POD DIMENSIONS	5.25 IN DIAMETER X 43.8IN
POD DIMENSIONS (METRIC)	13.3 CM DIAMETER X 111.3 CM
WEIGHT	16 LBS
WEIGHT (METRIC)	7.3 KG
SAR POWER	133 W
GMTI POWER	150 W

KEY SPECIFICATIONS

RANGE RESOLUTION	VERY FINE, 0.3, 0.5, 1, 2, 5, 10 M
MARITIME DETECTION RANGE	16 KM
GMTI DETECTION RANGE	10+ KM
SAR IMAGING RANGE	22 KM (AT 1 M RESOLUTION)
SENSOR CUING	CURSOR ON TARGET
FREQUENCY	KU (AVAILABLE: X)

SYSTEM OPERATIONS

COMMAND & CONTROL	LISA 3D & LISA DASHBOARD
COMMUNICATION	SERIAL, ETHERNET
IMAGE PRODUCTS*	COMPLEX NITF, TIFF, JPG, PNG, BMP, KML

IMAGE PROCESSING & EXPLOITATION

LISA IMAGE™	REAL-TIME IMAGE PROCESSING
LISA CHANGE™	CHANGE DETECTION
LISA 3D™	IMAGE EXPLOITATION, CONTROL, & FLIGHT PLANNING

CAPABILITIES

SAR	CCD/MCD	MTI	MARITIME
------------	----------------	------------	-----------------



P. 801.798.8440 **E.** SALES@IMSAR.COM **A.** 940 S. 2000 W. #140
F. 801.798.2814 **W.** WWW.IMSAR.COM SPRINGVILLE, UT 84663

*STANAG Compliant

© 2015 IMSAR LLC. NanoSAR®, NSP-3™, NSP-5™, NSP-UWB™, NSP-EOIR™, NSP-8D™, Lisa GS™, Lisa 3D™, Lisa Dashboard™, Lisa Imager™, Lisa Guidance™, Lisa Change™, Lisa Elevation™, Viper™, Falcon™, NSP-5™, NSP-8™, IMSAR®, The Radar Revolution® and all associated logos are trademarks of IMSAR® LLC. All other product or brand names as they appear are trademarks or registered trademarks of their respective holders. The Company shall not be liable for any errors contained herein or for any damages arising out of or related to this document or the information contained therein, even if the Company has been advised of the possibility of such damages. This document is intended for informational and instructional purposes only. The Company reserves the right to make changes in the specifications and other information contained in this document without prior notification.