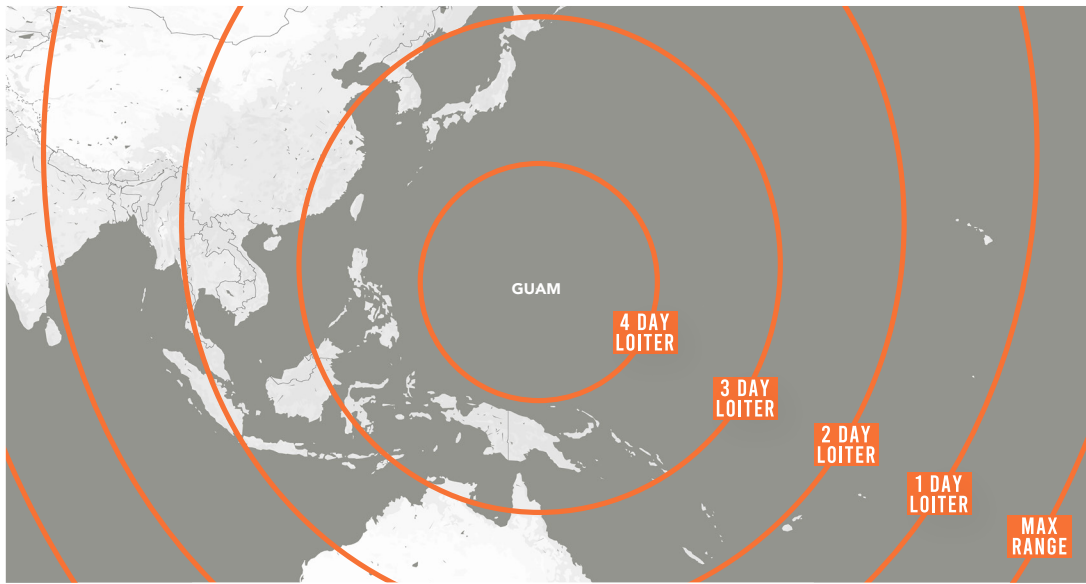




STRATEGIC COVERAGE - TACTICAL UAS

COMBAT RANGE OF 5-DAY MULTI-INT CONFIGURATION



MULTI-DAY, MULTI-INT, LOW COST UAS

- **MULTI-DAY ISR:** DEMONSTRATED >8-DAYS OF CONTINUOUS UNREFUELED FLIGHT AT ALTITUDES <15 KFT – EQUIVALENT RANGE OF HALFWAY AROUND THE EQUATOR ON LESS THAN 50 GALLONS OF JET A FUEL
- **STRATEGIC RANGE:** OPERATIONAL RANGE (RADIUS) OF >5,000 NM – RANGE AND MODULAR PAYLOAD ENABLES DELIVERY OF MULTI-INT AND ALE PAYLOADS INTO CONTESTED REGIONS WITH AN ATTRITABLE AIRCRAFT
- **OPEN PAYLOAD ARCHITECTURE:** >20 DISCRETE MISSION SYSTEMS INTEGRATED AND FLOWN – UP TO 150 LB PAYLOAD CAPACITY ACROSS INTERNAL AND EXTERNAL MOUNTS TO ACCOMMODATE MISSION DEFINED SENSOR(S) WITHOUT VENDOR LOCK
- **REDUCED LOGISTICS IN CONTESTED REGIONS:** HIGHLY MODULAR, COTS-FOCUSED SYSTEM; BASIC DIESEL PROPULSION TRAIN INCREASES AIRCRAFT RELIABILITY, EASES MAINTENANCE, AND CONSUMES INEXPENSIVE READILY AVAILABLE FUEL – ULTRA-ENDURANCE ENABLES BASING PERSONNEL AT LOW-RISK, ESTABLISHED SITES



SYSTEM VIDEO

SYSTEM MAX SPECS

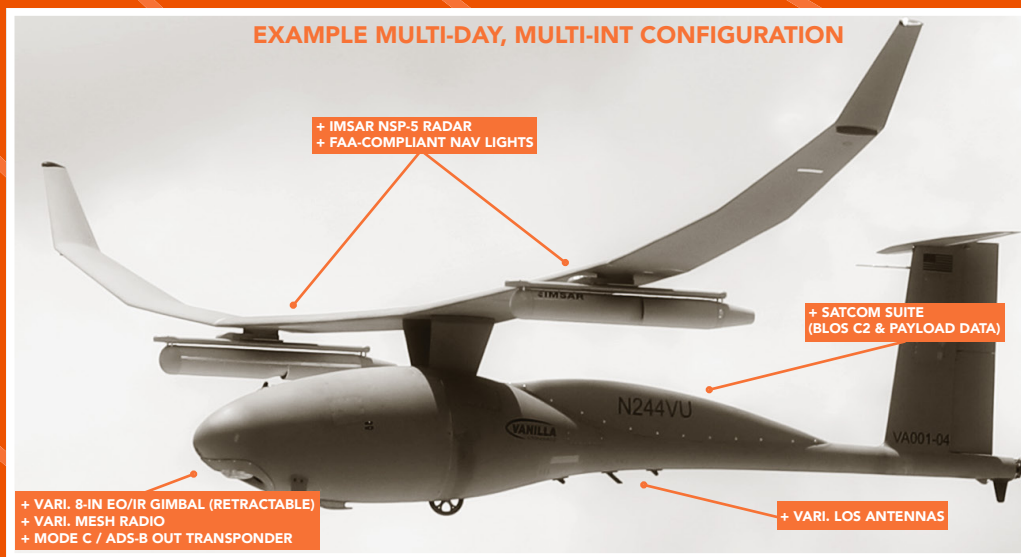
- + >8 DAY DEMONSTRATED WORLD RECORD FLIGHT
- + UP TO 15,000 NM RANGE
- + UP TO 15,000 FT DA

- + UP TO 150LBS PAYLOAD
- + UP TO 1,000 W POWER
- + 5X PAYLOAD BAYS

- + SPEED: 70KTS (DASH)
- + SPEED: 50-60KTS (LOITER)
- + 36 FT WINGSPAN

MULTI-DOMAIN OPERATIONS

- KEY FEATURES** COMBINED RADAR, EO/IR, COMMS SUITE IN MULTI-DAY ATTRITABLE UAS DEMONSTRATED CROSS-CUEING BETWEEN SENSORS AND MUM-T NODE
- ENDURANCE** UP TO 4 DAYS WITH EO/IR AND RADAR OVER SATCOM
UP TO 5 DAYS WITH EO/IR OVER SATCOM
- COMBAT RANGE** OVER 5,000 NM
- TRANSIT SPEED** 55 KTS AVERAGE
- LAUNCH** FULLY AUTOMATED, RUNWAY-INDEPENDENT TRUCK LAUNCH
- RECOVERY** FULLY AUTOMATED GLIDER STYLE LANDING



EXAMPLE MULTI-DAY, MULTI-INT CONFIGURATION



EO/IR FULL MOTION VIDEO



COHERENT CHANGE DETECTION (CCD)



SYNTHETIC APERTURE RADAR (SAR)

MISSION BENEFITS

- INCREASED SITUATIONAL AWARENESS WITH LESS WEAR AND TEAR ON HIGHER VALUE ASSETS
- EXTENDED OPERATIONS AND ISR COVERAGE WITH FEWER AND LESS EXPENSIVE RESOURCES
- RELIABLE LAUNCH AND RECOVERY OPERATIONS FROM 1,000+ MILES AWAY
- RAPID ADAPTATIONS TO CHANGING CONDITIONS WITH OPEN-ARCHITECTURE DESIGN

KURT PARSONS

CHIEF EXECUTIVE OFFICER
KURT.PARSONS@PLATFORMAERO.COM
301.863.9253 X601



ADAM GIBBONS

MANAGER, BUSINESS DEVELOPMENT
ADAM.GIBBONS@PLATFORMAERO.COM
301.863.9253 X402