



## OPERATIONALLY SUITABLE

The next generation of K-MAX UAS balances maximum readiness with minimum sustainment requirements to support expeditionary and distributed combat logistics.



### UNMANNED LOGISTICS

- Distributed operations
- Emergency dynamic retasking
- Forward and dispersed refueling
- Medical operations



### UNRIVALED READINESS

- K-MAX fleet >95% readiness with over 372,000 flight hours
- Proven suitable air vehicle paired with cutting edge technology ensures reliable autonomy
- All environment: desert, high altitude, maritime, foul weather-austere operator



### STRATEGIC TRANSPORTABLE

- Any mode transportable: sea, land, air
- 6,000 lb air vehicle
- Desktop/Laptop GCS



### AERIAL CONNECTOR

- No vulnerable Beach Landing Site (BLS)
- Offload or connect surface landing craft, commercial & naval shipping
- Rapid expansion of resupply network



### MINIMAL BOOTS ON THE GROUND (BOG)

- Single shift: 1 pilot, 1 operator, 1 maintainer
- Two-Shift: 1 pilot, 2 operators, 3 maintainers



### DESIGNED FOR FIELD OPERATIONS

- True expeditionary capability
- Rapid C2 setup
- Rugged
- BLOS and LOS C2
- Austere site operations



### HUMANITARIAN ASSISTANCE & DISASTER RELIEF (HADR)

- Deliver relief to remote sites
- Water, food, building supplies
- No infrastructure, roads, or bridges required

### REAL PERFORMANCE

**4,500 LB**

EXTERNAL LOAD CAPACITY  
EXCEPTIONAL HOT & HIGH CAPABILITY

### FUTURE CAPABILITY

**6,000 LB**

EXTERNAL LOAD PLANNED UPGRADE

### ROBUST AIRFRAME

**UNLIMITED**

AIRFRAME STRUCTURAL LIFE

### TACTICAL ADVANTAGE

**LOW NOISE**

ULTRA QUIET OPERATION  
REDUCED DETECTION, IMPROVED SAFETY,  
AND LESS ENVIRONMENTAL IMPACT

**LOW ROTOR WASH**

ENHANCES SAFETY WITH LESS IMPACT  
TO SUPPORT CREWS AND STRUCTURES

### FEWER BOOTS ON GROUND

**3 MEMBER CREW**

MINIMAL LOGISTICS TAIL REQUIREMENTS

### BATTLE TESTED

**1,900 SORTIES**

K-MAX AUTONOMOUS LOGISTICS  
PROUDLY SAVED LIVES DURING COMBAT IN  
OPERATION ENDURING FREEDOM

### SPECIFICATIONS



### WEIGHTS AND MEASUREMENTS

Max gross weight	12,000 lb	5443 kg
Cargo hook capacity	6,000 lb	2722 kg

### LIFT PERFORMANCE: ISA +15 °C

Sea Level	4,500 lb	2041 kg
5,000 feet	4,500 lb	2041 kg
10,000 feet	4,500 lb	2041 kg
15,000 feet	4,313 lb	1956 kg
Future Capability	6,000 lb	2722 kg

### HOVER PERFORMANCE: 4,000 FEET, 35 °C (95 °F)

Hover IGE	12,000 lb	5443 kg
Hover OGE	11,600 lb	5262 kg

### POWERPLANT

Model	Honeywell T5317A-1 gas turbine	
Thermodynamic rating	1,800 shaft horsepower	

### MAXIMUM AIRSPEED

Without external load	100 kt	185.2 kph
With external load	80 kt	148.2 kph

### FUEL SYSTEM

Total fuel capacity	228.5 gal	865.0 liters
Avg fuel consumption	85.0 gal/hr	321.8 l/hr
Endurance	3.0 hr	3.0 hr
Optional AUX fuel	65.0 gal	246.0 liters
Endurance w/ AUX fuel*	3.8 hr	3.8 hr

\*Additional extended range options in development

This document does not contain data subject to the US ITAR, US EAR.

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**K-MAX**®

AUTONOMOUS LOGISTICS

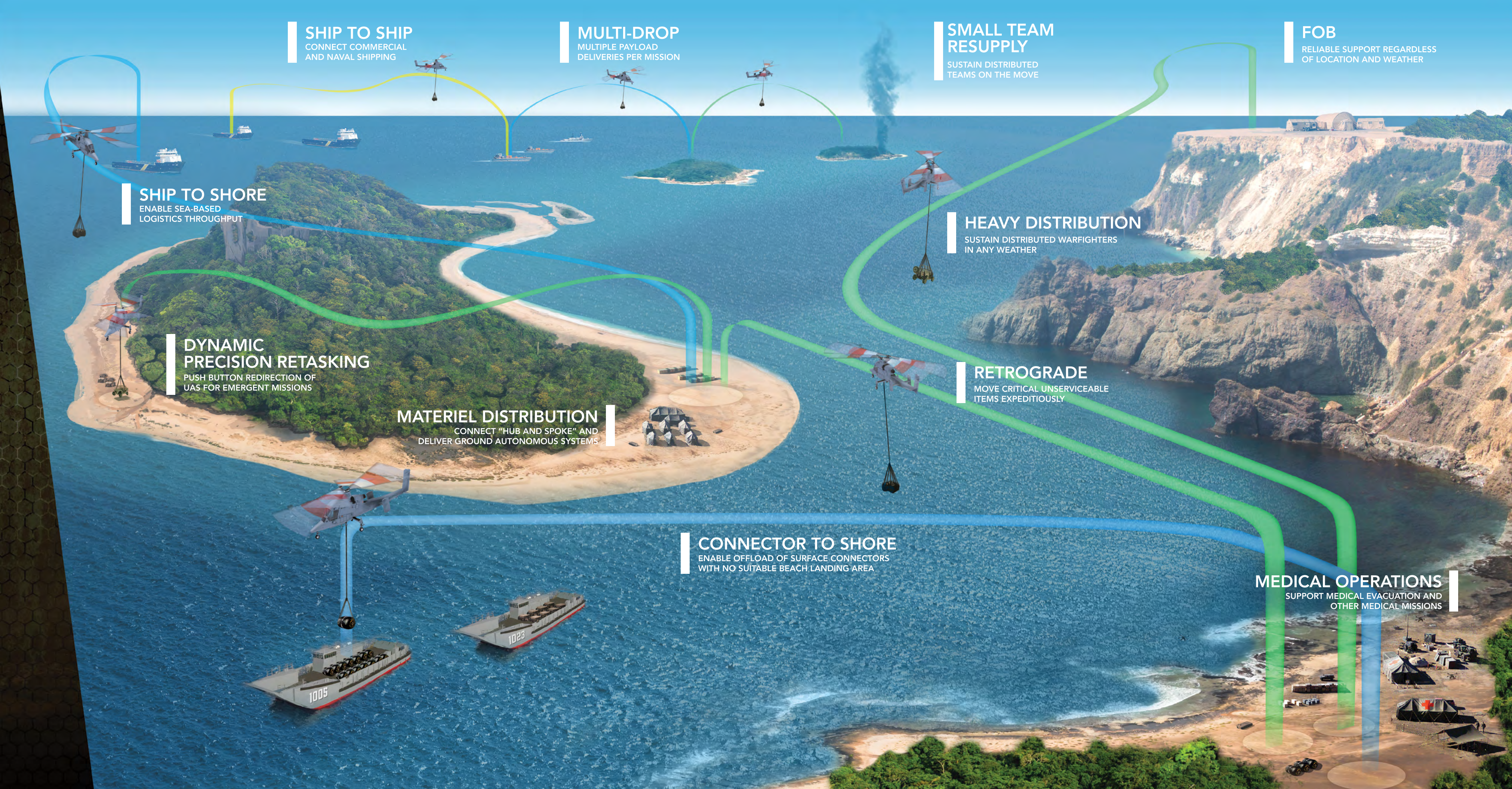
ANY TIME. ANY PLACE. ANY WEATHER.

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# ONE SYSTEM MANY MISSIONS

With a mission radius of more than 100 miles\*, Beyond Line of Sight (BLOS) operation and multi-load capabilities, the K-MAX UAS is the ideal solution for extending and enhancing expeditionary logistics.

Learn more at [kaman.com/k-max](http://kaman.com/k-max)



**SHIP TO SHIP**  
CONNECT COMMERCIAL  
AND NAVAL SHIPPING

**MULTI-DROP**  
MULTIPLE PAYLOAD  
DELIVERIES PER MISSION

**SMALL TEAM  
RESUPPLY**  
SUSTAIN DISTRIBUTED  
TEAMS ON THE MOVE

**FOB**  
RELIABLE SUPPORT REGARDLESS  
OF LOCATION AND WEATHER

**SHIP TO SHORE**  
ENABLE SEA-BASED  
LOGISTICS THROUGHPUT

**DYNAMIC  
PRECISION RETASKING**  
PUSH BUTTON REDIRECTION OF  
UAS FOR EMERGENT MISSIONS

**MATERIEL DISTRIBUTION**  
CONNECT "HUB AND SPOKE" AND  
DELIVER GROUND AUTONOMOUS SYSTEMS

**HEAVY DISTRIBUTION**  
SUSTAIN DISTRIBUTED WARFIGHTERS  
IN ANY WEATHER

**RETROGRADE**  
MOVE CRITICAL UNSERVICEABLE  
ITEMS EXPEDITIOUSLY

**CONNECTOR TO SHORE**  
ENABLE OFFLOAD OF SURFACE CONNECTORS  
WITH NO SUITABLE BEACH LANDING AREA

**MEDICAL OPERATIONS**  
SUPPORT MEDICAL EVACUATION AND  
OTHER MEDICAL MISSIONS

\*Additional extended range options in development