

K-MAX[®]

UNMATCHED PERFORMANCE

 **AIR VEHICLES**
BY KAMAN

ENGINEERED ADVANTAGE.

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

K-MAX[®]

PURPOSE-BUILT DESIGN

MORE PERFORMANCE

6,000 LB / 2722 KG
EXTERNAL LOAD
CAPACITY
MAX HOT & HIGH CAPABILITY

UNMATCHED DEPENDABILITY

UNLIMITED
AIRFRAME
STRUCTURE LIFE

RELIABLE POWER

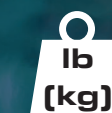
T5317A-1
TURBINE ENGINE
A PROVEN POWERPLANT

THE JOB IS TOUGH.

THE OPERATING ENVIRONMENT
IS UNRELENTING. YOU NEED
PERFORMANCE, VERSATILITY,
AND DEPENDABILITY.
THIS IS K-MAX,
THE AERIAL TRUCK.



EFFICIENT & EFFECTIVE



PERFORMS ITS HEAVY-LIFT
MISSION FAR **MORE EFFICIENTLY
& EFFECTIVELY** THAN OTHER
HELICOPTERS WITH THE
BEST VALUE LIFT-TO-FUEL RATIO

K-MAX

6,000 lb
(2722 kg)
85 gph
(322 lph)

71
lb/gal

8.5
kg/l

65
lb/gal

7.8
kg/l

AS332

10,471 lb
(4750 kg)
160 gph
(606 lph)

S70i

9,000 lb
(4082 kg)
160 gph
(606 lph)

56
lb/gal

6.7
kg/l

40
lb/gal

4.9
kg/l

B412 HP

4,500 lb
(2041 kg)
110 gph
(416 lph)

H60

9,000 lb
(4082 kg)
160 gph
(606 lph)

56
lb/gal

6.7
kg/l

37
lb/gal

4.5
kg/l

AW139

4,800 lb
(2177 kg)
129 gph
(488 lph)

UNMATCHED PRECISION

The K-MAX was specifically designed, built, tested and certified for repetitive external lifting. Precision placement of critical structures and equipment can be consistently performed, exponentially increasing efficiency of infrastructure and emergency response operations in inaccessible areas.

INCREASED SAFETY

LOW

 NOISE

82DB ULTRA QUIET OPERATION
IMPROVES SAFETY & REDUCES
DISTURBANCE

LOW

 ROTORWASH

LOWEST ROTOR DOWN WASH
OF ANY MEDIUM-HEAVY LIFT
HELICOPTER

STRONG & PRECISE

HEAVY-DUTY TROLLEY SYSTEM

ENHANCES STABILITY & LOAD
PLACEMENT

EYES ON THE LOAD

NARROW

 FUSELAGE

FOR OPTIMAL VISIBILITY

UNMATCHED VISIBILITY

TRUE
**VERTICAL
REFERENCE**

REDUCED
**PILOT
WORKLOAD**

INCREASED
SAFETY



UNMATCHED VERSATILITY

Quick to launch and cost-effective to fly, the K-MAX is a reliable responder in any situation. Working as a powerful firefighter, the K-MAX can continuously drop water or retardant to save lives and property. For disaster relief, it can repeatedly lift, transport, and deliver supplies to assist in rebuilding efforts.

MULTI-TASKER

MAX FLEXIBILITY

K-MAX IS A PROVEN WORKHORSE
THAT PERFORMS IN ALL
ENVIRONMENTS

PROVEN RELIABILITY

K-MAX PERFORMS WITH

99% AVAILABILITY

OVER 400,000 FLIGHT HOURS

RAPID MOBILIZATION

NO INFRASTRUCTURE

AND MINIMAL SUPPORT
REQUIREMENTS EQUATE TO
RAPID MOBILIZATION

MULTI-MISSION

WHEN THE JOB IS HOT, HIGH,
DIRTY, OR DANGEROUS,
THE K-MAX IS READY.

FIRE FIGHTING

POWERLINE CONSTRUCTION

HUMANITARIAN RELIEF EMERGENCY RESPONSE

HYDRO-SEEDING



UNMATCHED EFFICIENCY

With K-MAX, you'll accomplish more with less. Bottom line—K-MAX is proven and delivers a competitive advantage to your external lift operations with unmatched dependability and overall affordability in all environments.

KEEP IT SIMPLE

NO TAIL ROTOR

ELIMINATES COSTLY GEARBOXES, DRIVE SHAFTS & ASSOCIATED MAINTENANCE

NO HYDRAULICS

SERVO-FLAP CONTROL SYSTEM

LESS FUEL CONSUMPTION

85 GPH / **322** LPH

THE MOST EFFICIENT LIFT-TO-FUEL RATIO OF ANY HELICOPTER IN ITS CLASS

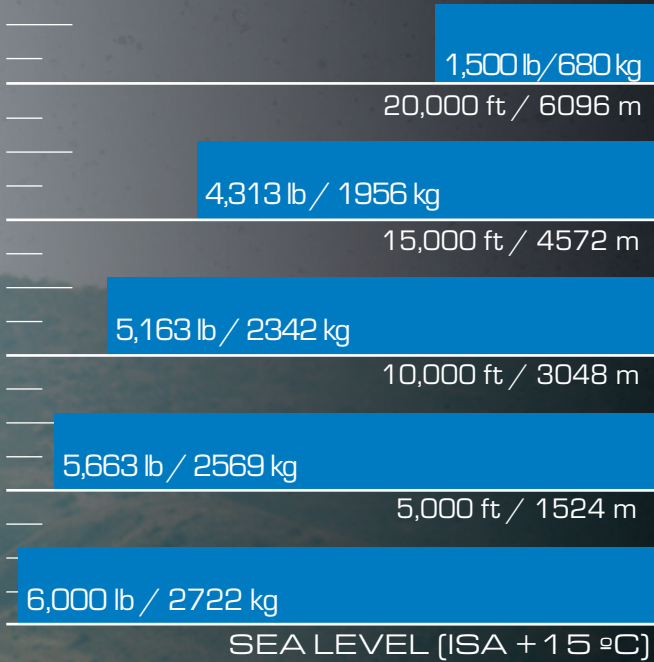
LOW MAINTENANCE

LESS THAN **2:1**

REQUIRES LESS THAN TWO MAINTENANCE MAN-HOURS PER FLIGHT HOUR

HIGH/HOT PERFORMANCE

K-MAX DELIVERS UNRIVALED PAYLOAD CAPACITY AT ALTITUDES OTHER HELICOPTERS CAN'T MATCH.



SMALL FOOTPRINT

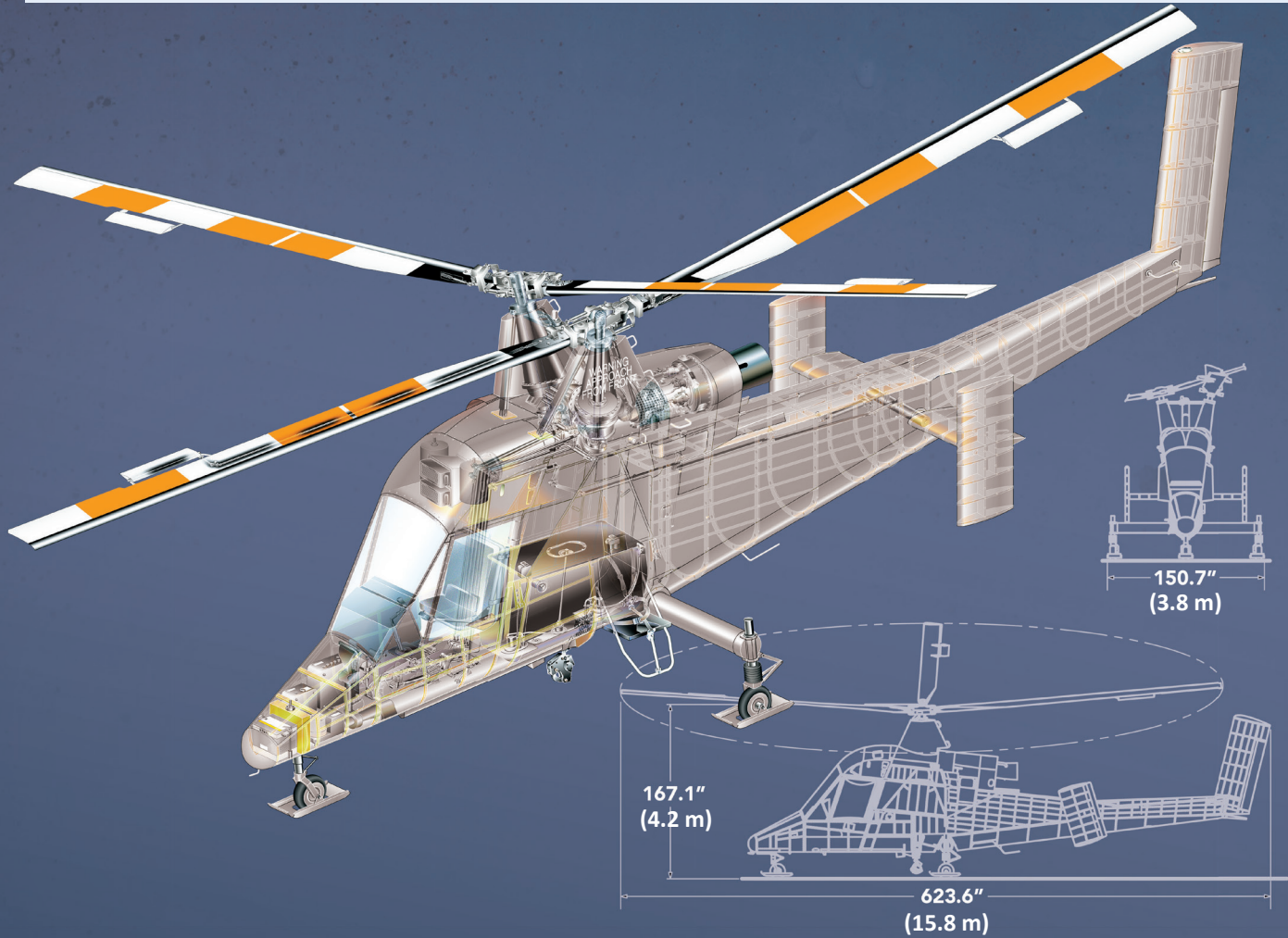
ONE PILOT

ONE MECHANIC

MINIMAL SUPPORT

KEEP YOUR OPERATION NIMBLE WITH LESS GROUND SUPPORT, LESS EQUIPMENT AND LOWER OVERHEAD.

WHATEVER THE MISSION, K-MAX® DELIVERS UNMATCHED PERFORMANCE.



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	6,000 lb	2722 kg
5,000 feet	5,663 lb	2569 kg
10,000 feet	5,163 lb	2342 kg
15,000 feet	4,313 lb	1956 kg

HOVER PERFORMANCE: 4,000 FT, 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	322.0 l/hr
Endurance	3.0 hr	3.0 hr