

# AIRBORNE OPERATIONS

## Ka-32 Specifications Sheet

**Ka-32 (NATO code: Helix)** is a multipurpose helicopter designed for passenger and cargo transport, a flying construction crane, land or sea search and rescue, aerial surveillance, medical or emergency evacuation, firefighting and offshore ship loading and unloading operations.

Ka-32's airborne equipment provides safe flight control both along air routes and in off-the-airway regulated and unregulated airspace, day and night, and in adverse weather conditions.

| <b>Performance Specifications</b>      | <b>Imperial</b>       | <b>Metric</b>        |
|--|-----------------------|----------------------|
| Maximum Takeoff Weights                | 28,660 lbs            | 13,000 kg            |
| Maximum External Load                  | 11,025 lbs            | 5,000 kg             |
| Internal Useful Load                   | 8,820 lbs             | 4,000 kg             |
| Range (Max Fuel)                       | 350 nmi               | 650 km               |
| Range (Max Fuel & Aux Tanks)           | n.a.                  | n.a.                 |
| Fuel Capacity                          | 700 gallons           | 2,650 liters         |
| Fuel Capacity (w/ Aux Tanks)           | n.a.                  | n.a.                 |
| Fuel Consumption                       | 225 gallons/hour      | 852 liters/hour      |
| Maximum Speed                          | 140 knots             | 260 km/hour          |
| Cruise Speed                           | 125 knots             | 230 km/hour          |
| Service Ceiling                        | 16,405 ft             | 5,000 m              |
| <b>Dimensions</b>                      |                       |                      |
| Rotor Diameter                         | 52.2 ft               | 15.9 m               |
| Length with Rotos Operating            | n.a.                  | n.a.                 |
| Fuselage Length x Width x Height       | 36.1 x 12.6 x 17.1 ft | 11.3 x 12.25 x 5.4 m |
| Internal Cabin Length x Width x Height | 14.1 x 4.3 x 4 ft     | 12.0 x 3.3 x 3.2 m   |
| Crew/Seating Capacity                  | 2/16                  |                      |
| <b>Engines</b>                         |                       |                      |
| <b>Klimov TV3-117VMA/TV3-117VMA</b>    |                       |                      |
| Takeoff Power Available                | 2 x 2,200 h.p.        |                      |
| Single Engine Limit                    | 2220 h.p.             |                      |
| Contingency Power                      | 2,400 h.p.            |                      |

Disclaimer: Information presented herein is indicative in nature and should not be relied upon. Specifications presented are typical for the aircraft model referenced above. Actual specifications may vary depending on mission requirements.