

R66 CARGO HOOK



The R66 Turbine helicopter cargo hook installation provides maximum utility for external load operations in a light, single-engine helicopter. Using a proven Onboard Systems hook, the R66 installation is rated for external loads up to 1200 lb with a maximum combined helicopter plus load weight of 2900 lb (up from the normal 2700 lb).

Unlike many STC installations, the factory cargo hook installation allows for solo flight from either seat. This allows the pilot to use the preferred left seat position to monitor loads. Critical engine power instruments and a load meter indicating weight on the hook are provided at the left door sill so the pilot can read these parameters while still concentrating on the load.

Additional features include provisions for remote control of external equipment, an additional fuel status light (early status annunciation with buffer from actual low fuel caution), optional doors with large bubble windows, and optional cargo mirrors.



R66 CARGO HOOK EQUIPMENT



Left door sill panel contains supplemental engine torque and gas temperature gages, a load cell display, and an emergency manual hook release.



The cargo hook kit includes an upgraded left side cyclic grip with external load control and hook release switches as well as hydraulic switch and radio controls.

INCLUDED

- Onboard Systems cargo hook
- Left and right side electrical and mechanical cargo releases
- Upgraded left side cyclic grip with hydraulic and radio switches
- Left side collective control with start button
- Supplemental engine torque and gas temperature gages at left door sill
- Load weighing system to measure weight on hook. The display is located near the left door sill.
- Receptacle on belly with two switched 28 volt circuits for remote control of equipment carried by cargo hook. Switches on both left and right cyclic grips.
- Interior anchor points at forward door posts for attaching safety tether or harness for crew during doors-off operation. Robinson P/N MT184-1 safety harness included.)
- Fuel status light indicating approximately 12 gallons of usable fuel remaining to provide fuel status prior to the 5 gallon low-fuel caution.

APPROX
SYSTEM
WT (LB)
9.5

OPTIONAL

APPROX
WT (LB)

- Forward doors with large bubble windows (supplied in addition to standard doors). Specify left, right, or both doors. Note: 100 KIAS airspeed limit when doors with large bubble windows are installed.
- Skid-mounted cargo mirrors (left, right, or both) to assist in viewing external loads.
- Utility front seats with non-slip velour seat bottoms (exchange for standard seats).

12.5 per
door

1.0 per
mirror

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R66 Cargo Hook Price List

The R66 Turbine's Cargo Hook* installation is rated for 1200 lb. The maximum helicopter weight with external load is 2900 lb. (increased from the standard 2700 lb internal weight). The R66 Cargo Hook System allows operation from either front seat.

EQUIPMENT	APPROX WT (LB)	MSRP (\$US)**
<p>CARGO HOOK SYSTEM INCLUDES</p> <ul style="list-style-type: none"> • Onboard Systems Cargo hook • Electrical and mechanical releases for both pilots • Upgraded left-hand cyclic with hydraulic and radio switches • Left-side start button • Supplemental engine torque and gas temperature gages at left door sill • <u>Load Weigh System</u> - Load cell to measure weight on hook. Display near left door sill. • <u>Remote External Control</u> - Receptacle on belly with two switched 28 volt circuits for controlling external equipment. Switch on cyclic grips for both pilots. • <u>Interior Hard Points at Forward Door Posts</u> - For attaching safety tether or harness for crew during doors-off operation. MT184-1 safety harness included. • <u>Fuel Status Light</u> - Indicates approximately 12 gallons of usable fuel remaining to provide fuel status prior to the 5 gallon low-fuel caution 	9.5	28,000
OPTIONS		
<ul style="list-style-type: none"> • <u>Forward Doors with Oversized Bubble Windows</u> - Doors will be supplied in addition to standard doors. Specify left, right, or both doors. <i>Note:</i> 100 KIAS airspeed limit applies to doors with oversized bubble windows. 	12.5 per door	4,900 per door
<ul style="list-style-type: none"> • <u>Utility Seating Surfaces</u> - Non-slip velour center panels for front seats. Exchange for standard seats. 	—	No Charge
<ul style="list-style-type: none"> • <u>Cargo Mirrors</u> - Approximately 6-inch diameter mirrors mounted at front of skid tubes. Left, right, or both available. 	1.0 per mirror	340 per mirror

*Cargo Hook Systems NOT available on R66 Turbine Marine

**Prices in US dollars and subject to change without notice