



FAA-Approved

Gross Weight Increase STC

Hawker Beechcraft King Air 90





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This STC approves increasing the C90 and C90A King Air aircraft (up to serial number LJ-1137) maximum takeoff weight up to 10,485 pounds from the original maximum takeoff weight of 9,650 pounds; an increase of 835 pounds. The C90A (serial number LJ-1138 and subsequent) aircraft maximum takeoff weight is increased from 10,100 pounds to 10,485 pounds; an increase of 385 pounds. The E90 King Air aircraft maximum takeoff weight is increased from 10,100 pounds to 10,500 pounds; and increase of 400 pounds. This allows the pilot to carry 835, 385, and 400 pounds more fuel, respectively, on long trips.

Halo 90 STC is approved for King Air C90, C90A, C90B, and E90 equipped with PT6A-21, PT6A-28, or PT6A-135A engines. Also, Halo 90 STC is approved for King Air C90GT and C90GTi with stock (PT6A-135A) engines.

HALO 90 Fact Information for the Beechcraft King Air 90

	C90 C90A (LJ-577-1137)	C90A C90B C90GTi	E90
Increase Max Ramp Weight	9,705 to 10,545	10,160 to 10,545	10,160 to 10,560
Increase Max Takeoff Weight	9,650 to 10,485	10,100 to 10,485	10,100 to 10,500
Increase Max Landing Weight	9,168 to 9,832	9,600 to 9,832	No Change
Max Zero Fuel Weight	9,378	9,378	9,378
Payload Increase	835	385	400
To Purchase the HALO 90	Sold exclusively through Hawker Beechcraft Services.		

Weight and payload shown in pounds.



DESCRIPTION OF HALO 90 STC

- AFM Supplement with comprehensive performance data.
- Installs placards at jacking points and over original VA on cockpit placard.
- Requires 10-Ply tires on main landing gear.

BENEFITS OF HALO 90 STC

- Carry more fuel / greater range.
- Carry more cabin payload.
- Accurate AFM performance charts for safely operating at new weights.
- Increases aircraft resale value.

