

European Aviation Safety Agency

EASA TYPE-CERTIFICATE DATA SHEET

**390
(PREMIER I and IA)**

Type Certificate Holder:

RAYTHEON AIRCRAFT COMPANY
9709 East Central
Wichita, Kansas 67201
USA

Manufacturer:

RAYTHEON AIRCRAFT COMPANY
9709 East Central
Wichita, Kansas 67201
USA

For models: 390

Issue 1: 27 January 2006

List of effective Pages:

Page	1	2	3	4	5	6	7	8	9				
Issue	1	1	1	1	1	1	1	1	1				

IV Operation and Service Instructions

Airplane Flight Manual (AFM)

Model 390 FAA Approved Airplane Flight Manual,
P/N 390-5900001-3A1, or later approved version

Airplane Maintenance Manual

Model 390 Maintenance Manual, P/N 390-590001-15
or later approved revision
Chapter 4, "Airworthiness Limitations" for inspections,
mandatory life information and other requirements for
continued airworthiness may not be changed without
the approval of EASA.

V. Notes

1. The basic required equipment as prescribed in applicable airworthiness regulations (see Certification Basis) must be installed in the aircraft for certification. (See Limitations Section of FAA Approved Airplane Flight Manual for Kinds of Operation Equipment List.)
2. Fuel:
Fuels not containing icing inhibitors must have MIL-I-27686 or MIL-I-85470 fuel system icing inhibitor added in amounts not less than 0.10% nor more than 0.15% by volume. Minimum fuel icing inhibitor content during refuelling is 0.10% by volume.

Dupont Stadis 450 anti-static additive or equivalent is permitted to bring fuel up to 300 conductive units, but not to exceed 1 part per million.

SOHIO Biobor JF biocide additive or equivalent is permitted at a concentration not to exceed 20 parts per million (270 ppm total additive) of elemental boron
3. Cabin interior and seating configurations must be approved.
4. Current weight and balance data, loading information and a list of equipment included in empty weight must be provided for each airplane at the time of original certification.
 - (a) Basic empty weight includes unusable fuel of 47.7 kg (105.2 lbs) for gravity fill (5.7 kg (12.5 lbs) undrainable); 49.5 kg (109.2 lbs) for single point refuelling (7.5 kg (16.5 lbs) undrainable).

For aircraft serial numbers RB-75 and after, or prior aircraft that embody Kit No. 390-9200:

Basic empty weight includes unusable fuel of 20.6 kg (45.4 lbs) for gravity fill (6.5 kg (14.4 lbs) undrainable); 22.4 kg (49.4 lbs) for single point refuelling (18.4 lbs undrainable)
 - (b) Basic empty weight includes engine oil of 7.8 kg (17.2 lbs).
 - (c) Basic empty weight includes hydraulic fluid of 8.2 kg (18.1 lbs).
5. All placards required in the FAA approved Airplane Flight Manual P/N 390-590001-3A1 or later approved version must be installed in the appropriate location.
6. The Model 390 is approved for the single seating installation shown in the AFM. Removal, alteration or relocation of seats, restraint systems, cabinets or tables is subject to approval by EASA.