
TEMPORARY REVISION

TR 12-01

MAXIMUM CYLINDER HEAD TEMPERATURE

This Temporary Revision TR 12-01 is approved and is valid in conjunction with the latest revision of the DA20-A1 Airplane Flight Manual (AFM) until this Temporary Revision has been incorporated into the AFM.

This Temporary Revision:

- Revises the maximum Cylinder Head Temperature when Service Bulletin DA20-72-03L Rev 2 is installed.


The limitations and information contained herein either supplement or, in the case of conflict, override those in the Airplane Flight Manual.

| Doc. No. | Chapter | Affected Pages |
|-----------------|----------------|-----------------------|
| DA202, Rev. 18 | Chapter 0 | 0 - 8 |
| DA202, Rev. 18 | Chapter 2 | 2 - 4 and 2 - 17 |

Instructions:

- Print this document on white paper (single-sided).
- Copy on yellow paper (single-sided) at a reduced size of 72% to get the correct size for the AFM.
- Cut the paper to 6" wide by 8.5" and punch the holes on the left side of each page.
- Insert this cover page as the first page of the AFM.
- Insert Page 0 - 8 of this Temporary Revision before Page 0 - 8 in the AFM
- Insert Page 2 - 4 of this Temporary Revision before Page 2 - 4 in the AFM.
- Insert Page 2 - 17 of this Temporary Revision before Page 2 - 17 in the AFM.
- Sign the Temporary Revision Log as having inserted this Temporary Revision.

RECORD OF REVISIONS cont'd.

| Rev. No | Affected Pages | Approved | |
|----------|---|--------------------|--|
| | | Date | Name |
| 17 | 0-4, 0-8, 0-9, 0-10, 1-7 | August 22, 2006 | W. Jupp Chief, Flight Test for Director, Aircraft Certification Transport Canada |
| TR 10-01 | 0-8, 4-9, 7-9 | February 22, 2010 | J. Martin Chief, Flight Test for Director, Aircraft Certification Transport Canada |
| 18 | 0-4, 0-5, 0-8, 0-9, 0-10, 0-11, 1-7, 2-8, 2-16, 4-1, 4-9, 4-10, 4-15, 4-16, 4- 17, 6-14, 7-9, 7-12, 7-15 8-1, 8-8. | August 7, 2012 | W. Istchenko Chief, Flight Test for Director, National Aircraft Certification Transport Canada |
| TR 12-01 | 0-8, 2-4 and 2-17. | 23 January 2013 |  Chief, Flight Test for Director, National Aircraft Certification TRANSPORT CANADA |
| | | | |

(g) Cylinder Head Temperature

Maximum : 302°F (150°C)

**With Service Bulletin DA20-72-03L
Rev 2 installed:**

Maximum : 253 °F (122.8 °C)

(h) Fuel Specifications

Approved Fuel Grades : AVGAS 100LL

(i) Oil Grades

: 4 stroke motorcycle oil of a registered brand with gear additives that meets or exceeds API classification SF or SG are highly recommended.

(also see Page 1-6 for additional information on the selection of suitable lubricants)

2.4.2. Propeller**(a) Propeller Manufacturer**

: Hoffmann Propeller, Rosenheim/Germany

(b) Propeller Type

: HO-V352F/170FQ or
HO-V352F/C170FQ

(c) Propeller Diameter

: 5 ft 6.9 in (1.70 m)

(d) Propeller Pitch (at 3/4 radius)

: 10° - 35°

(e) Propeller Speed Limitations

Max. T/O RPM (max. 5 min.) : 2550 RPM

Max. Continuous RPM : 2420 RPM

33. On fuselage upper skin behind cockpit (only if ELT is installed), coloured yellow



34. On fuselage underside (belly), by left wing



35. Under each wing and tail skid plate



36. Around Stall Warning Hole in left wing



37. On Nose Landing Gear Strut



38. On Main Landing Gear Strut



39. Above the CHT gauge if Service Bulletin DA20-72-03L Rev 2 is installed:

MAX CHT = 253 °F (122.8 °C)