
Subject: 777ER Thrust Reduction (Trent -895 to -892)

Background

Beginning in late May, TechOps will begin converting all Trent -895 engines on the 777ER to the -892 rating. The max thrust will decrease from approximately 95,000 lbs. to 92,000 lbs. This mod will deliver significant savings and will not impact any missions. Tech Ops has an aggressive schedule that should complete the mod on all 777ERs within 7 days. Ship 7001 is scheduled to be modified on May 25, with the remaining aircraft modified by June 1.

The mod consists of reprogramming the EEC data entry plug, changing a fuel line, updating aircraft software, and replacing the -895 takeoff placard in the flight deck. During the transition, the 777ERs will have either -892 or -895 engines installed, with no intermixing of engines.

The max weights and EGT limits remain the same for -892 engines.

Operating Procedures

During the mod transition, confirm the aircraft, performance data, and flight deck placard are aligned by verifying the following during preflight:

- FMS IDENT page displays TRENT892
- WDR remark S72-08-92 TRENT 892 ENGINES INSTALLED
- WDR displays 892 in the last column
- The -892 engine placard is installed on the captain's clipboard



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WX 02608KT 6C A29.92
DTW4L 10000FT 08HW 02XW
T/F CLIMB RATOW WIND V1 VR V2
D28/15 634.2 626.3 51 57 63 892
D28/15 635.8 647.7 52 57 63 892
D28/15 637.8 648.6 52 57 63 892
D28/15 635.8 644.1 49 57 63 892
**HW REQ FOR T/O**
**TAXI FUEL BURN REQ**
**ATTN MULTI FLAP**
DTW22R 10000FT 08TW 02XW
T/F CLIMB RATOW WIND V1 VR V2
**RWY IS OVERWT FOR ALL THRUST/FLAPS**

RMKS-NOTES-MEL
S72-08-92 TRENT 892 ENGINES INSTALLED
FLT 583/23MAR SHIP 7007 DTW-PVG RLS 0
TOWT 626.0 TOCG 25.1
FLAP/STAB 05/FMS 15/FMS
END ACARS WDR
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 B777-200ER

MAX. WEIGHTS

TAXI	657,000
TAKEOFF	656,000
LANDING	460,000
ZFW	430,000

EGT LIMITS

(RB211-TRENT-892)

T.O. (5 MIN)	900°
T.O. (20 SEC)	920°
CONTINUOUS	850°
MAX. START	700°

APPROACH CAT C

05/05/16 53-0591-064

Summary

All 777ER engines will be converted to -892 rating by early June. Modified aircraft will have an EP-19 in the aircraft logbook titled 895 to 892. The Vol 1 and Vol 2 will reflect the mod in an upcoming revision. In addition, the MEL and ODM have been updated to reflect both engine types. When all aircraft are modified, the -892 references will be removed from the WDR. An Electronic Fleet Bulletin will be issued when all 777ERs are converted.

Approved by:

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