

MAINTENANCE MEMO

TECHNICAL SERVICES SINGAPORE AIRLINES



CO. REG. NO. 197200078R

CAAS APPROVAL AWI/DOA/005

SIA TS 003 (SEP/20)

APPLICABILITY: B737, B747, B777, B787, A350, MEMO NO: 34-1462 R22
A380, B777F

WARNING: MAKE SURE THAT YOU OBEY ALL THE WARNINGS AND ALL THE CAUTIONS INCLUDED IN THE REFERENCED PROCEDURES.

1 **SUBJECT:** Terrain Database (TDB) Software Tracking

2 **DISCUSSION**

- 2.1 This maintenance memo tracks the current TDB PN for each aircraft type.
- 2.2 For B737, B777, B777F and B747, the terrain database version must be verified if there is EGPWC replacement. If the version is not the latest (listed in Table 1), the database must be reloaded.
- 2.3 For B787, the terrain database version must be verified by doing a software configuration check if there is a replacement or installation of the ISSPU. If the version is not the latest (listed in Table 2), the database must be uploaded.
- 2.4 For A350 and A380, the terrain database version must be verified by doing a software configuration check if there is a replacement or installation of the AESU. If the version is not the latest (listed in Table 1), the database must be uploaded.
- 2.5 Below Table shows the current terrain database PN. It will be updated with every new release of terrain database.

Table 1: TDB Version 629

Aircraft Effectivity	MAF	Parts
9V-SWB, 9V-SWD THRU SWW, 9V-SRG, 9V-SRH, 9V-SRJ, 9V-SRL, 9V-SRP	22537 R6	PCMCIA PN: 996-0109-629
9V-SWY, 9V-SWZ, 9V-SNA THRU SNC	22537 R6	USB PN: DO69001801-0629
9V-SMA THRU SMW, 9V-SMY THRU SMZ, 9V-SJA, 9V-SJB, 9V-SJC, 9V-SJD, 9V-SJE, 9V-SGA THRU SGG, 9V-SHA THRU 9V-SHW, 9V-SHY	22535 R6	USB & Software PN: HNR5A0010020629
9V-SKK THRU SKN, 9V-SKP THRU SKZ	22536 R6	Media PN: HNR507181738070 Software PN: HNR549983457629

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9V-SFI, 9V-SFK, 9V-SFM THRU SFQ	22570 R5	PCMCIA PN: 996-0109-629
9V-MGA THRU MGE, 9V-MGK THRU MGN	S30410 R10	USB PN: DO69001801-0629
9V-MBA THRU MBO	S80409 R9	USB PN: DO69001801-0629
9V-DHA THRU DHE	D10007 R0	USB PN: DO69001801-0629

Table 2: TDB Version 628

Aircraft Effectivity	MAF	Parts
9V-SCA and onwards	21279 R11	Software PN: COL4E-0005-0038

3 ACTION

- 3.1 Table 1 and 2 shows the latest terrain database version for whole fleet.
- 3.2 After replacing EGPWC on B737, B777, B777F and B747, check the terrain database version. Reload the terrain database in accordance to AMM if it is not the latest version.
- 3.3 After replacing ISSPU on B787, check the terrain database version. Reload the terrain database in accordance to AMM if it is not the latest version.
- 3.4 After replacing AESU on A350 and A380, check the terrain database version. Reload the terrain database in accordance to AMM if it is not the latest version.

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4 COMPLIANCE: Immediate

SIA

Maintenance Operations	:	To comply
SIAOCC (Engineering Controllers)	:	To comply
Quality	:	To note
Management Material (MMD)	:	To note

SIAEC

Line Maintenance (Operations)	:	To comply
Line Maintenance (Support Services)	:	To comply
Base Maintenance (Operations)	:	To comply
Base Maintenance (Planning)	:	To comply
Quality & Safety	:	To note
Engineering Training	:	To note
Cabin Services Division (CSD)	:	N.A.

SCOOT

Engineering	:	N.A.
Quality	:	N.A.

LINE STATION

All Technical Handling Agents	:	To comply
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OTHERS (Select as necessary)

Boeing Customer Support Manager	:	For information
BAPAS	:	N.A.
Airbus Customer Support Manager	:	For information
Airbus TSP	:	To note
Panasonic Avionics	:	N.A.

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