

Honeywell

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SERVICE INFORMATION LETTER

NZ-2000/NZ-2010/FMZ-2000/IC-615/IC-800/IC-1080/IC-810, PN 7018879-01001, -01002, -02003 Thru -02007, -02010, -02017, -03008, -03012, -03014, -03016, -03018, -03020, -03022, -03024, -03026, -03028, -03030, -03032, -03034, -03036, -03038, -03040, -03042, -10000, -11009, -11015, -11019, -11021, -11023, PN 7017000-21XXX, -94XXX, -95XXX, -98XXX, -99XXX, PN 7017300-01XXX, -11XXX, -21XXX, -31XXX, -41XXX, -43XXX, -45XXX, -56XXX, -6100X, -61010, -63XXX - STAR Procedure Re-Entry Anomaly

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Transmittal Information

Publication Number D201302000074

Summary

This revision is a FULL replacement. This revision includes the changes that follow:

- Changed the equipment part numbers shown in Paragraph 1.A.(1).
- Changed the content and format to agree with Honeywell processes in effect at the time of the release of this revision.

Revision History

This service information letter has had two revision(s) as shown in Table 1.

Table 1. Revision History

Revision Number	Revision Date
0	9 Apr 2013
1	12 Mar 2015
2	30 Aug 2016

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1. **General Information**

A. **Effectivity**

(1) This service information letter is applicable to the equipment shown in Table 2.

Table 2. Effectivity Configuration Data

Equipment Model or Aircraft Identification	Part Number and/or Load
NZ-2000/NZ-2010/FMZ-2000/PRIMUS Apex/PRIMUS Epic FMS: NZ-2000/2010 and FMZ-2000/IC-615/IC-800/IC-810/IC-1080	PN 7018879-01001, -01002, -02003 thru -02007, -02010, -02017, -03008, -03012, -03014, -03016, -03018, -03020, -03022, -03024, -03026, -03028, -03030, -03032, -03034, -03036, -03036 (MOD A), -03038, -03040, -03042, -10000, -11009, -11015, -11019, -11021, -11023, -11024, -11025 PN 7017000-21XXX, -94XXX, -95XXX, -98XXX, -99XXX, PN 7017300-01XXX, -11XXX, -21XXX, -31XXX, -41XXX, -43XXX, -45XXX, -56XXX, -56026, -6100X, -61010, -63XXX
AgustaWestland AW139	PN EB7030191-00105 (Phase 4), PN EB7030191-00107 (Phase 5), PN EB7030191-00108 (Phase 6), PN EB7030191-00109 (Phase 6), PN EB7030191-00110 (Phase 7)
Cessna Sovereign	PN EB7031847-00105 (Phase 3), PN EB7031847-00106 (Phase 4), PN EB7031847-00108 (Phase 4.1), PN EB7031847-00109 (Phase 4.2), PN EB7031847-00111 (Phase 5), PN EB7031847-00114 (Phase 5.2)
Dassault PRIMUS Epic F900	PN EB7036889-00112, PN EB7036889-00114 (EASy II), PN EB7036889-00116, PN EB7036889-00117, PN EB7036889-00118 PN EB7036889-00120
Dassault PRIMUS Epic F2000	PN EB7036889-00203, PN EB7036889-00205, PN EB7036889-00206, PN EB7036889-00207, PN EB7036889-00208 PN EB7036889-00209
Dassault F7X	PN EB7034843-00103, PN EB7034843-00102, PN EB7034843-00104, PN EB7034843-00107 PN EB7034843-00108

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Table 2. Effectivity Configuration Data (Cont)

Equipment Model or Aircraft Identification	Part Number and/or Load
Embraer 170	PN PS7027709-00124 (Load 21.2), PN PS7027709-00126 (Load 21.4), PN PS7027709-00127 (Load 23.1), PN PS7027709-00128 (Load 21.5), PN PS7027709-00129 (Load 23.2)
Embraer 190	PN PS7027709-00214 (Load 23.1), PN PS7027709-00215 (Load 21.4), PN PS7027709-00216 (Load 21.5), PN PS7027709-00217 (Load 23.2)
Embraer 170/190	PN PS7027709-00303 (Load 25.1.0.1), PN PS7027709-00302 (Load 25.2), PN PS7027709-00304 (Load 25.3), PN PS7027709-00305 (Load 25.4), PN PS7027709-00309 (Load 25.5.0.1) PN PS7027709-00310
Gulfstream G350/450	PN EB7031236-00410 (Delta), PN EB7031236-00411 (Echo), PN EB7031236-00409 (Foxtrot), PN EB7031236-00414 (Foxtrot), PN EB7031236-00415 (Foxtrot SSEC), PN EB7031236-00416 (ASC909/909A), PN EB7031236-00417 (ASC910), PN EB7031236-00418 (ASC909B), PN EB7031236-00420 (ASC 911)
Gulfstream G500/550	PN EB7031236-00315 (Delta), PN EB7031236-00316 (Echo), PN EB7031236-00314 (Foxtrot), PN EB7031236-00319 (Foxtrot), PN EB7031236-00320 (Foxtrot), PN EB7031236-00317 (ASC909), PN EB7031236-00321 (ASC910), PN EB7031236-00322 (ASC909B), PN EB7031236-00323 (ASC 911)
Hawker 4000	PN EB7030192-001XX (Load 19), PN EB60000578-0114 (Load 20)
Pilatus PC-12NG	PN EB7037248-00103 (Build 6.2), PN EB7037248-00104 (Build 7.2), PN EB7037428-00105 (Build 8), PN EB7037428-00106 (Build 8.3.3), PN EB60000487-00108 (Build 8.6), PN EB60000487-00111 (Build 8.8) PN EB60000487-0112 (Build 10.9)
Viking DHC6-400	PN EB7032889-00101 (Load 1.3) PN EB600002734-0104 (Load 4.4)

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B. Purpose

- (1) The purpose of this service information letter is to advise operators of Honeywell FMZ-2000 systems of an anomaly where the flight crew may have to select the STAR procedure twice in order to show the correct altitude constraints identified in the charted procedure if a runway change is activated.

C. Summary

- (1) This anomaly was observed when the flight crew selected a new runway in the active flight plan and activated it. For example, Figure 1 shows the CHINS7 arrival using the PDT transition for Runway RW13R to KBFI (Boeing Field). This arrival can be used for Runways 13R and 31L into KBFI.



ID-535446

Figure 1. (Sheet 1 of 1) Arrival Page for Initial Runway Selected

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- (2) When the arrival is activated, the flight crew should see the altitude constraints shown in Figure 2 for waypoints RADDY, HUMPP, and AUBRN.



ID-535447

Figure 2. (Sheet 1 of 1) Constraints for CHINS7 STAR

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- (3) If the flight crew amends the flight plan while on the STAR to land at new Runway RW31L as shown in the arrival page, Figure 3, the altitude constraint for RADDY is different due to the new runway change as shown in Figure 4. Once the flight crew activates the arrival, the altitude constraint for RADDY from the previous Runway RWY13R is retained in the flight plan as shown in Figure 5.



Figure 3. (Sheet 1 of 1) Arrival Page for New Runway - RW31L

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Figure 4. (Sheet 1 of 1) Correct Constraint for RADDY to Runway 31L Before Activating

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Figure 5. (Sheet 1 of 1) Old Constraint is Incorrectly Retained After Activating the Amended FPLN

D. Action

- (1) The anomaly can be observed in flight or on the ground. Flight crews are advised to monitor guidance and constraint attributes during all phases of flight. If a runway change is required while on the STAR, once the flight crew selects the new runway and activates it, it might be necessary to reselect the STAR and activate it a second time into the flight plan, in order to display the correct altitude constraints. For further guidance please refer to your original equipment manufacturer (OEM) aircraft flight manual.
- (2) For more information regarding this service information letter, contact the applicable Honeywell field service engineer or the location identified below.

Honeywell
Technical Operations Center
Telephone: 800-601-3099 (Toll Free U.S.A./Canada)
Telephone: 602-365-3099 (International Direct)

E. Recommendation

- (1) It is recommended that operators contact local Service Centers and/or Channel Partners for assistance with service bulletin implementation in the field.

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- (2) The Honeywell Aerospace Technical Support (ATS) team can be contacted for advanced troubleshooting and assistance. Select Option 1 for Avionics, or Option 2 for Mechanical.

Honeywell Aerospace Technical Support
Telephone: 855-808-6500 (Toll Free U.S.A./Canada)
Telephone: 602-365-6500 (International Direct)
E-mail: AeroTechSupport@honeywell.com