

## Fiche d'évaluation

Programme :LR                                      N° FE :8369                                      Issue :2                                      Ident. BDRM:08005  
 Titre :ATA 34 - All - Weather Radar RDR 4000 Honeywell  
 Initiateur :GMCP                                      Origine: CT                                      Libellé origine: 34Z34G0  
 Date réception : 10/01/2008                                      Date objectif COR :30/06/2008  
**RAISON/CONTEXTE :**                                      BUI  
 In the frame of Power 8, we propose to study introduction of Honeywell RDR 400 Weather Radar.                                      UP:  
 (note: PEA AF-080 accepted)                                      MOI

Written by Sedilleau D.

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26/05/08 : Issue 2

Agreement to launch the introduction of Honeywell RDR 400 Weather Radar.

New PEA accepted.

Wiring provisions for dual weather radar is a prerequisite before installing the radar system.

This ES has to be linked with ES 8285 for wiring provisions.

BL

13/06/08 :

Certification scheduled for end of 2010.

BL

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Suite à nouvelle demande rajout du RFC 34Z34G004A

RFC : 34Z34G004A INSTALLATION OF DUAL WEATHER RADAR -

EPAC/TDU : CL34.41.125 37 HONEYWELL RDR 4000

FLEET : 34Z \* A

SPEC : 330-200F

LEADER : S

ATA : 3441

PROD STS : OP 08/07/2008

The aircraft shall be equipped with Weather Radar Honeywell RDR 4000.

A/C DELIVERY ACCEPTANCE MSN VERSION MODEL VAR STD ALL

L34Z001 31/03/2010 19/04/2010 1051 34Z01 \* 001 330-223F 00 ST9 T

Signature : **Benoit LEBLANC**

Date validation :**26/05/2008**

### AVIS TECHNIQUE

Destinataire(s) : Marie-Pierre CALVET

NATCO concernés :

Métiers concernés : ,

Sécurité / Risque :

Masse / Perfo :

Essais prévus :

Avis :Wiring provisions for dual weather radar is a prerequisite before installing the radar system.

These provisions are defined through FE 8285.

The installation of weather radar consists :

- to replace the antenna flat plate by a new one ==> there is no installation impact in term of form

factor

-to replace the antenna drive by a new one =====> there is no installation impact in term of form factor

- to replace the mounting tray by a new one in the 921 VU =====> the mounting tray keeps its 8 MCU footprint

- to replace the transmitter/receiver by radar processor unit =====> no issue on the installation because the new mounting tray is compatible with both radar processor

- to replace the control panel by a new one mechanical and electrical interchangeable.

- to connect wiring provisions on radar processor on one side and on antenna drive on the other side

With RDR4000 installation, the waveguide is eliminated.

EIS2 are impacted

Costing is available.

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Idt to be launched to cover RDR 4000 installation

Certification objective: end 2009

Signature :**Marie-Pierre CALVET**

Date validation :**28/07/2008**

#### AVIS PRODUCTION

Destinataire(s) :Andre GUIONNET, Joel RISON

Avis :Issue 1:

After "Following of equipment certification" meeting, this ES has to be put in std-by. The technical perimeter of this W/R has to be updated. Due to that is is necessary to update PEA (costing and planning). This ES will be reviewed on BLEN request.

Sedilleau D. 06/03/08

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Issue 2 : CoC system and TB involved

According Technical assessment, RDR 4000 will not be certify before end of 2009

Today there is 2 RFC OPEN on this subject :

AAR34G001L => msn's 1001 et 1055 delivered in april and september 2009

34Z34G004A => msn 1051 delivered in april 2010

CCB Decision to launch detailed TRS instruction in order to define industrial impact

JR 14/08/08

Signature :**Joel RISON**

Date validation :**14/08/2008**

#### AVIS ACHATS/LOGISTIQUE

Destinataire(s) :Jacques MASSABIE

Avis :P8 subject for SA / LR.

PEA accepted. Commercial agreement with Honeywell signed.

Signature :**Jacques MASSABIE**

Date validation :**25/08/2008**

#### AVIS SUPPORT

Destinataire(s) :Joseph SAURAS

Avis :Awaitng for BLEN status

iss2: AMM, IPC and WDM impacted

MOD COST BENEFIT(O/N) :

Signature :**Joseph SAURAS**

Date validation :**29/08/2008**

#### AVIS DEVIS

Destinataire(s) :Alain ALCOUFFE

NRC :Autre

RC :Autre

Avis :issue 2 : PEA accepté

Signature :**Alain ALCOUFFE**

Date validation :**29/08/2008**

**AVIS COMMERCIAL**

Destinataire(s) :

Avis :

Signature :

Date validation :

**SUIVI GMCP**Passage COR

N° :476

Du :08/09/2008

Signature :Michele BOMBAIL

Date validation :04/09/2008

Compte-rendu COR :

CCB-N 476 &gt; DG2 :

CoC system ,TB and TA involved

Power 8 subject.

According BLEN information , certification of RDR 4000 is foreseen for mid of 2010 .

Today , 2 RFC are opened on this subject :

AAR34G001L =&gt; msn's 1001 et 1055 delivered in april and september 2009

34Z34G004A =&gt; msn 1051 delivered in april 2010

According BLEN request, 3 TRS have to be launched :

- 1 for structural provisions + fixed brackets (ME involved).BLEN suggested to have these structural provision basically (standard mod). (leader S. JOLIVET)

- 1 for wiring provisions (leader S. JOLIVET)

- 1 for system installation (leader P. SCHALL)

This ES is linked to ES 8285 ; content of ES 8285 will be moved in ES 8369.

To be reviewed in October 08 for progress review.

MOD COST BENEFIT(O/N) :

Décision : Normal - voir commentaire

Date obj.:10/10/2008

A chiffrer (O/N):

Leader inst.:Serge JOLIVET

Resp. technique :

Action en cours :

BUILD UP: TO MODIFY

Signature :Jean-Luc CLOTET

Date validation :09/09/2008

**COMMENTAIRE HORS COR**

Commentaire : Additive CCB-N 505-FI &gt;

No feedback from TB on possibility to open mod wiring provisions on ETD10 D001 (GMF)

Content of TRS of installation RDR 4000 to be discussed about the removal of bracket.

==&gt;To be reviewed in SRM-N 507

Additive CCB-N 503 &gt;

CoC involved : System

COE involved : TB, TA &amp; FAL

Power 8 subject.

The 2 following MPs has to be validated for MSN 1070 (ETD10) further to ETD34G005K :

- \* Mod 58761 S30689 (structural provisions) will be validated for ST9 D 1070 (in place of ST9 D 1092)-TRS being updated. TBMM has confirmed serial application.

- \* MP S30690 (wiring provisions) : TRS still in progress , TBMM is still investigating condition of application for MSN 1070 (ETD 10 D 001). Decision to open with this POE will be taken at DG3.

==&gt;To be reviewed in SRM-N/CCB-N 505.

Additive SRM-N 503 &gt;

CoC system ,TB, TA &amp; FAL involved

Power 8 subject.

The 2 following MP has to be validated for MSN 1070 (ETD 10):

\* Mod 58761 S30689 will be validated for ST9 D 1070 (in place of ST9 D 1092)

\* MP S30690 will be opened for ETD 10 D 001

TBMM to confirm these POE.

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Additive CCB-N 498 :

CCB decision is to not embodied MSN 1051 with Mod 58761/S30689 and for MPS30690 because this MSN will not be allocated 34Z01.

Waiting availability of TRS 08012393/S30690 for version mod opening without POE in a first step.

TB to investigate what is the lead time for embodiment of S30690.

To be reviewed in SRM-N 501

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Additive CCB-N 496 > DG2 + DG3 :

TRS for structural provisions + fixed brackets available. Mod 58761 S30689 is opened for ST7 D 1111 ST8 D 1112 ST9 D 1092.

Industrial investigation is in progress to validate mod for MSN 1051 (34Z01); TB investigations still in progress with AEROLIA to confirm conditions of application for this MSN, however it is foreseen to have "rattrapage" but workplace is to be defined .

\* TRS 08012393/S30690 (wiring provisions)is on going. The objective is to open version modification for 34Z01 D001. Waiting for TB action on TRS and industrial feasibility. ME is also involved by this modification , TB to investigate optimum cycle for first embodiment .

==>To be reviewed in SRM/CCB 498

==>ES to be issued

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23/02/09 To take into account the RFC 34Z34G005A (ident 08009663) AAR34G002L (ident 08010992) transferred from ES 8285. JCT

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Additive CCB-N 491 > DG3 :

New Honeywell RDR 4000 requires three modifications :

\* TRS 08012392/S30689 (structural provisions + fixed brackets) is available for mod opening for ST7 D 1111 ST8 D 1112 ST9 D 1092

\* TRS 08012393/S30690 (wiring provisions)is available for mod opening for ST7 D 1111 ST8 D 1112 ST9 D 1092

\* TRS 08012394 (system installation) is in progress for end of january.No change on block of foam were agreed . Certification scheduled for December 2010.

Because RFC is accepted for 34Z01 D001, TBMM investigation to be done for feasibility of embodiment of the 2 mod provisions on this fleet (MSN 1051 & 1070).

==> ES to be reviewed in SRM-N 494.

==> To be launched, see comments

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16/01/09 A/C 1111 (P40 18/01/10) is the first A/C in P40 before A/C 1092 (P40 22/01/10, A/C without affectation).

Only to A/C keep validate for 34Z01 version (1051 P40 01/10/09 and 1070 P40 04/12/09). JCT

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Additive SRM-N 491 > Statement on the three TRS availability and mod opening will be discussed in CCB

Additive SRM-N 484 > Waiting for BLEN statement on technical definition availability in order to

write TRS

Additive SRM-N 479 > Following TB information , MSN 1001 cannot be reached.  
PFS to be answered accordingly

10/09/08 : 3 idents launched for WxR RDR 4000 installation

\* 08012392 : structural provisions + fixed brackets (leader S. JOLIVET)

\* 08012393 : wiring provisions (leader S.JOLIVET)

\* 08012394 : system installation (leader P.SHALL)

Target date 10/10/08.

BL

SRM-N 476 > DG2 :

ES linked to ES 8285

CoC system and TB involved

According Technical assessment, RDR 4000 will not be certify before end of 2009

Today , 2 RFC are Oopened on this subject :

AAR34G001L => msn's 1001 et 1055 delivered in april and september 2009

34Z34G004A => msn 1051 delivered in april 2010

According BLEN request, 3 TRS have to be launched:

1 for structural provisions

1 for wiring provisions

1 for system installation

Le 30/07/08 : Rajout du RFC AAR34G001L : INSTALLATION OF DUAL WEATHER RADAR - HONEYWELL RDR 4000

The aircraft shall be equipped with Weather Radar Honeywell RDR 4000.

MSN 1001 : P40 09/12/2008 - Delivery : 01/04/2009

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SRM-N 458 > DG2-FI :

COC involved : SYST

Following production assessment , ES to be put and stand-by and to be reviewed on BLEN request after costing and planning availability

=> ES to be reviewed

SRM-N 447 > DG1 : ES to be validated

PFS has been launched on RFC 34Z34G004A with target date for 06/08/2008.

Written by S.Gonzalvez

#### SUIVI POST COR

Date FRT :	PM :	MOD :	Date MOD :
Classif. :	ATA :		VERS REV :
	Signature :	Date archivage :	