

! A330 A340

! A ! 0 ! 00 !

! MODIFICATION LEADER VERSION	! MOD NO
! TITLE:	! MP NO
! NAVIGATION - WEATHER RADAR SYSTEM -	! S30689
! INSTALL STRUCTURAL PROVISIONS AND FIXED	! SOURCE
! BRACKETS FOR THE NEW RADAR	! REFERENCE
! RDR 4000 HNWL	! 08012392

! I !	! PAGES	! REASON FOR ISSUE	! DATE
! S !	! 01!02!03!04!05!06!		! NAME

! 01S! 1! 1! 9! 4! 1! 1! AIRBUS FRANCE TRS

AG
22/04/09

! SIGNATURE :	! PARTNERS INVOLVED		
	! AIRBUS FRANCE LEADER	! AIRBUS DEUTSCHLAND	! BRITISH AEROSPACE
	! AIRBUS ESPANA	! FOKKER	! BELAIRBUS

! A330 A340

! A ! 1 ! 00 !

! TECHNICAL REPERCUSSION SHEET

! MOD NO

! TITLE:

! *MP NO

! S30689

! NAVIGATION - WEATHER RADAR SYSTEM -
! INSTALL STRUCTURAL PROVISIONS AND FIXED
! BRACKETS FOR THE NEW RADAR
! RDR 4000 HNWL

! *SOURCE

! *REFERENCE

! 08012392

! *ISSUE

! 01S

! ATA :34-41!CLASSIFICATION ! MINOR

! MODEL(S) SEE PA1

! *VALIDITY

! CERTIF PROJECT NO

! TO BE EMBODIED BEFORE

! RESTRICTIONS CANCELLED BY THIS MOD

! GENERAL DESCRIPTION:

! THE MODIFICATION CONSISTS IN INSTALLING STRUCTURAL PROVISIONS AND
! FIXED BRACKETS FOR THE NEW DUAL WEATHER RADAR RDR 4000.

! MODELS AFFECTED:

! A330-201 A330-202 A330-203 A330-223 A330-243 A330-301 A330-302
! A330-303 A330-321 A330-322 A330-323 A330-341 A330-342 A330-343
! A340-211 A340-212 A340-213 A340-311 A340-312 A340-313 A340-541
! A340-542 A340-642 A340-643 A330-223F A330-243F

! * FOR INFORMATION ONLY, NON APPROVED DATA

! LINKED MODIFICATION(S)

! ATTACHED DOCUMENT!

! *WEIGHT !+ 0,098

! Y

! *CG !+ ,000

! A3-0/8

! *EFFECTS ON ELECTRICAL LOADS

! MAS ISSUE:

! A330	A340	!	!	A	2	00	!
!		!	!	!	!	!	!

REGULATIONS INVOLVED AND JUSTIFICATIONS	MOD NO
	*MP NO S30689
	*SOURCE
	*REFERENCE 08012392
	*ISSUE 01S

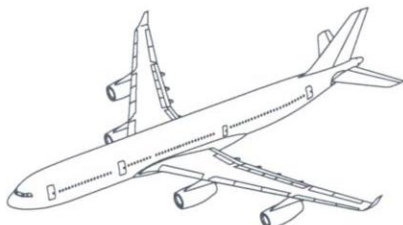
EFFECTS ON EQUIPMENT			
CANCELLED		NEW	
EQUIPMENT DESIGNATION		EQUIPMENT DESIGNATION	
SUPPLIER		SUPPLIER	
PART NUMBER	PART NUMBER SUPL	PART NUMBER	
CMS	BFE QTY PART RESP	CMS	BFE QTY PART RESP
		INTERCHANG	ALTERNATIVES

* FOR INFORMATION ONLY, NON APPROVED DATA

EFFECTS ON DOCUMENTS										COMPL-
* OPERATIONAL	DOCUMENT AFFECTED	GTR	SRM	WBM	MMEL	FLIGHT	AIRWOR-	THINNESS	LIMITA-	SHOWN
NO		*	ADL	CHAPTER		MANUAL				
	* MAINTENANCE		REPAIR	1.10						
	DOCUMENT AFFECTED			LIMITA-						
NO	YES	NO	NO	NO	NO	NO	NO	NO		

INDEPENDENT CHECK	MAS ISSUE:
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SKETCH (USE CLM WHERE POSSIBLE)



MOD N°

*MP N°

S30689

*SOURCE

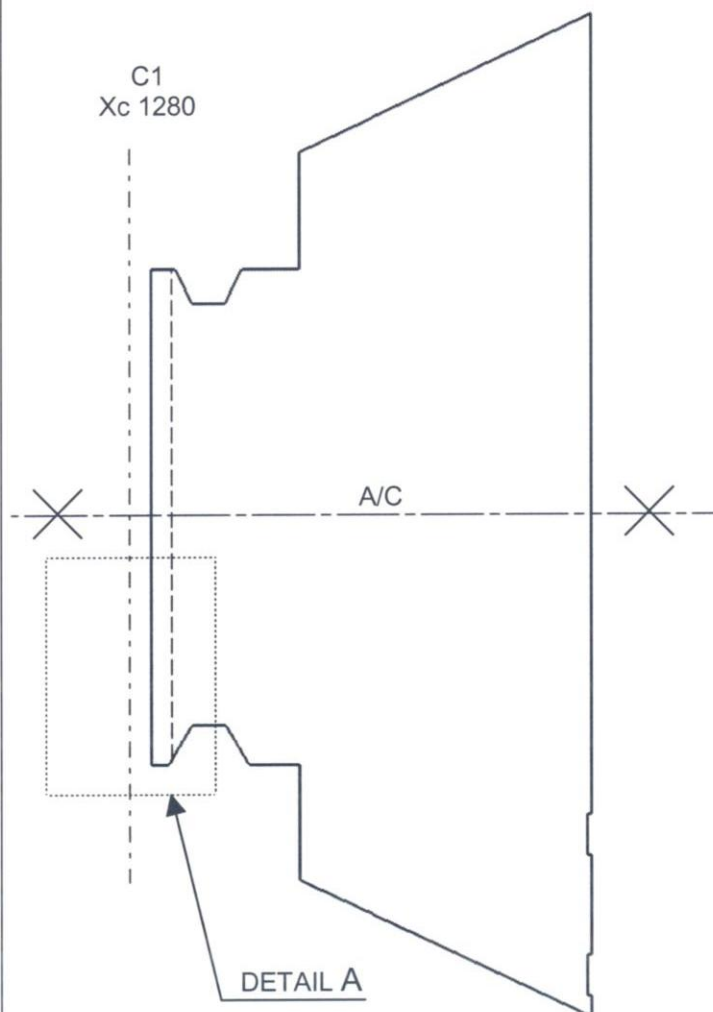
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08012392

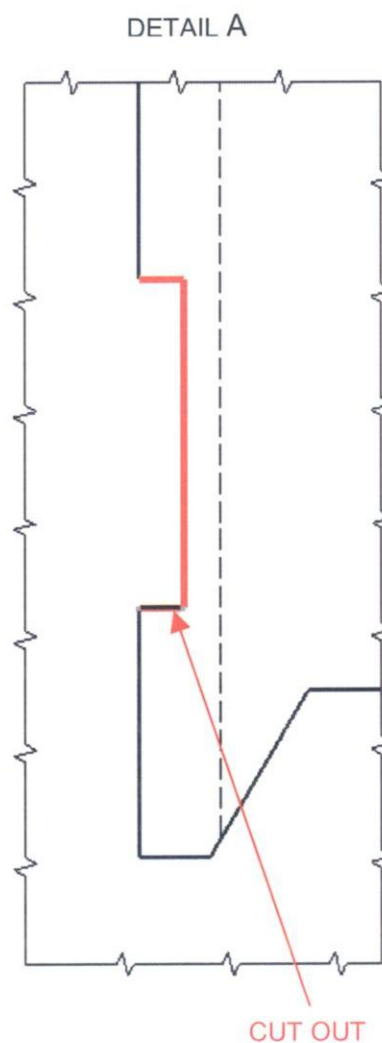
*ISSUE

01S

PRÉ-MOD



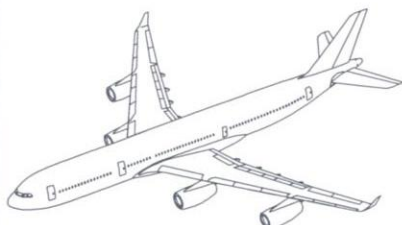
POST-MOD



* FOR INFORMATION ONLY ON MAS

MAS ISSUE

SKETCH (USE CLM WHERE POSSIBLE)



MOD N°

*MP N°

S30689

*SOURCE

*REFERENCE

08012392

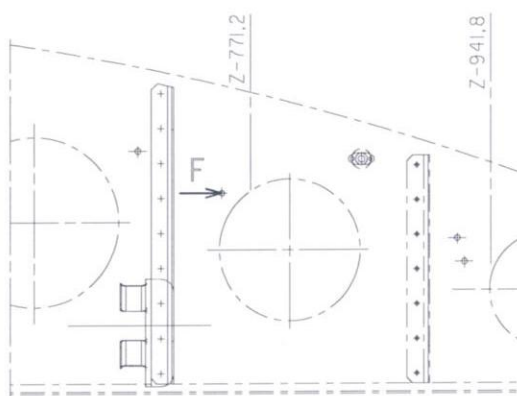
*ISSUE

01S

PRE-MOD

VOILE Y330 VU DE L INTERIEUR
WEB Y330 VIEW LOOKING OUTWARD

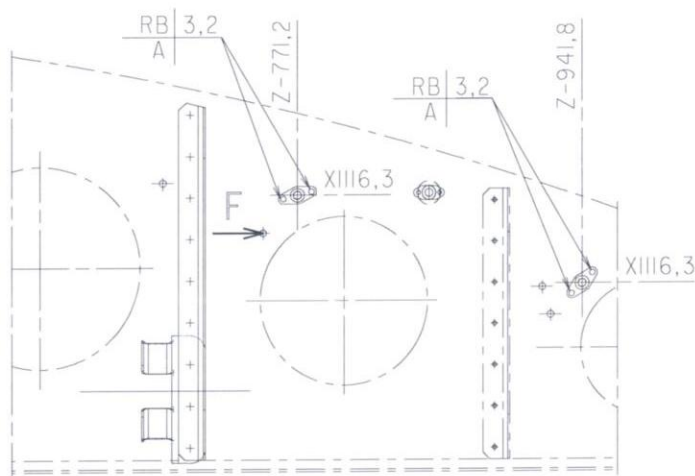
VUE F
VIEW F



POST-MOD

VOILE Y330 VU DE L INTERIEUR
WEB Y330 VIEW LOOKING OUTWARD

VUE F
VIEW F

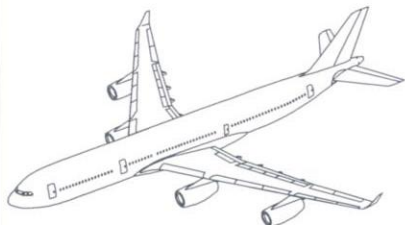


2 Supports ajoutés
2 Brackets added

* FOR INFORMATION ONLY ON MAS

MAS ISSUE

SKETCH (USE CLM WHERE POSSIBLE)



MOD N°

*MP N°

*SOURCE

*REFERENCE

*ISSUE

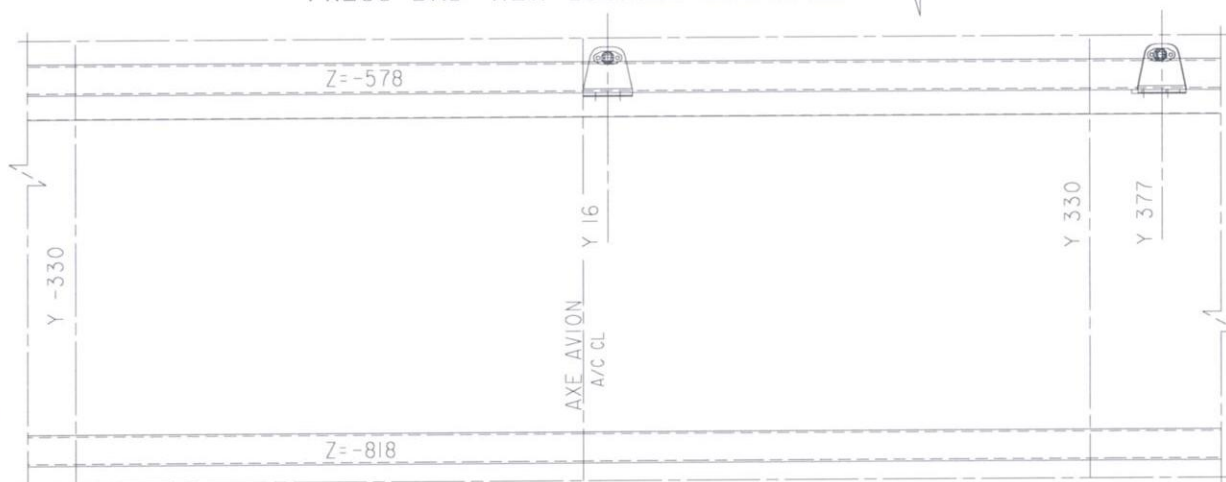
S30689

08012392

01S

PRE-MOD

FOND ETANCHE VUE DE L AVANT
PRESS BHD VIEW LOOKING BACKWARD

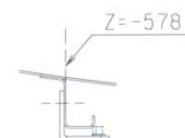


VUE F
VIEW ON F

RB 3.2
A



VUE F1
VIEW ON F1



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MAS ISSUE

SKETCH (USE CLM WHERE POSSIBLE)



MOD N°

*MP N°

S30689

*SOURCE

*REFERENCE

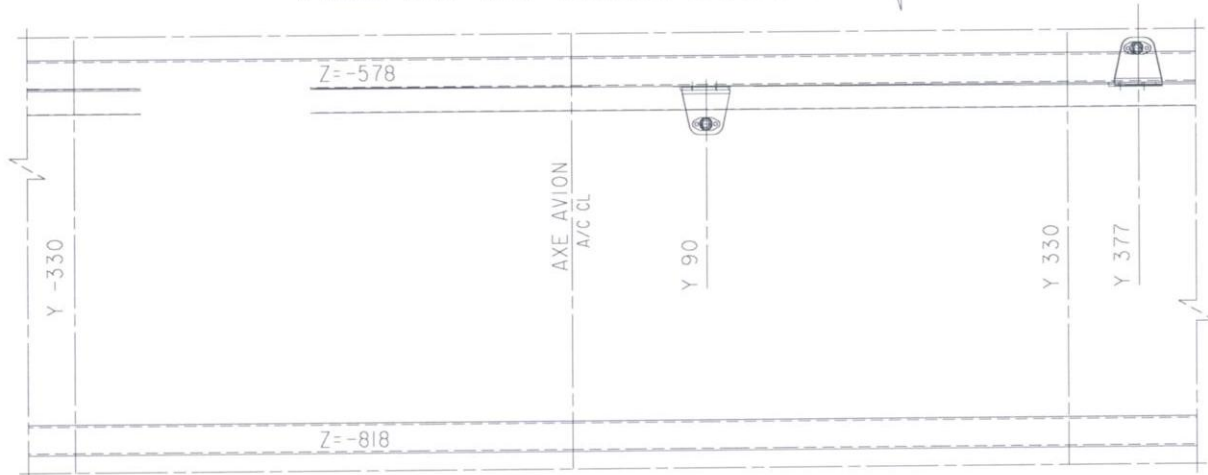
08012392

*ISSUE

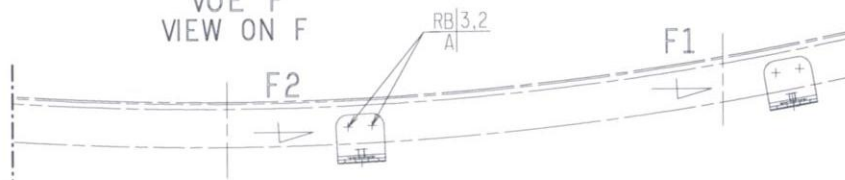
01S

POST-MOD

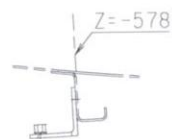
FOND ETANCHE VUE DE L AVANT
PRESS BHD VIEW LOOKING BACKWARD



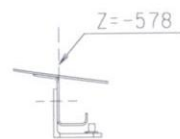
VUE F
VIEW ON F



VUE F2
VIEW ON F2



VUE F1
VIEW ON F1

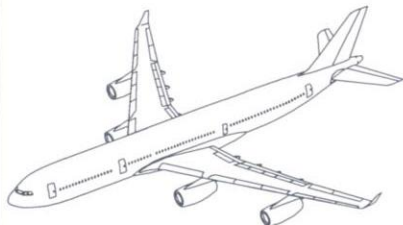


Position du support modifié
Bracket removed

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SKETCH (USE CLM WHERE POSSIBLE)



PRE-MOD

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*MP N°

S30689

*SOURCE

*REFERENCE

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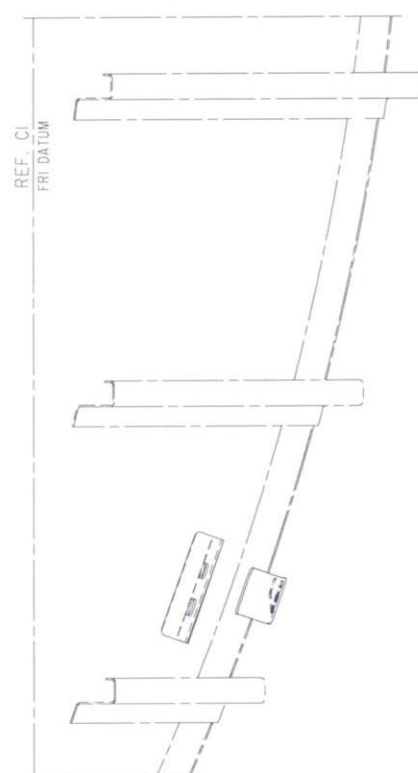
*ISSUE

01S

FOND ETANCHE WJ DE L'AVANT
PRESS BHD LOOKING AFT



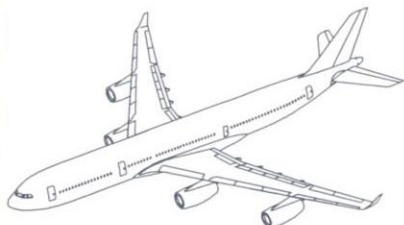
VUE F
VIEW ON F



* FOR INFORMATION ONLY ON MAS

MAS ISSUE

SKETCH (USE CLM WHERE POSSIBLE)



MOD N°

*MP N°

S30689

*SOURCE

*REFERENCE

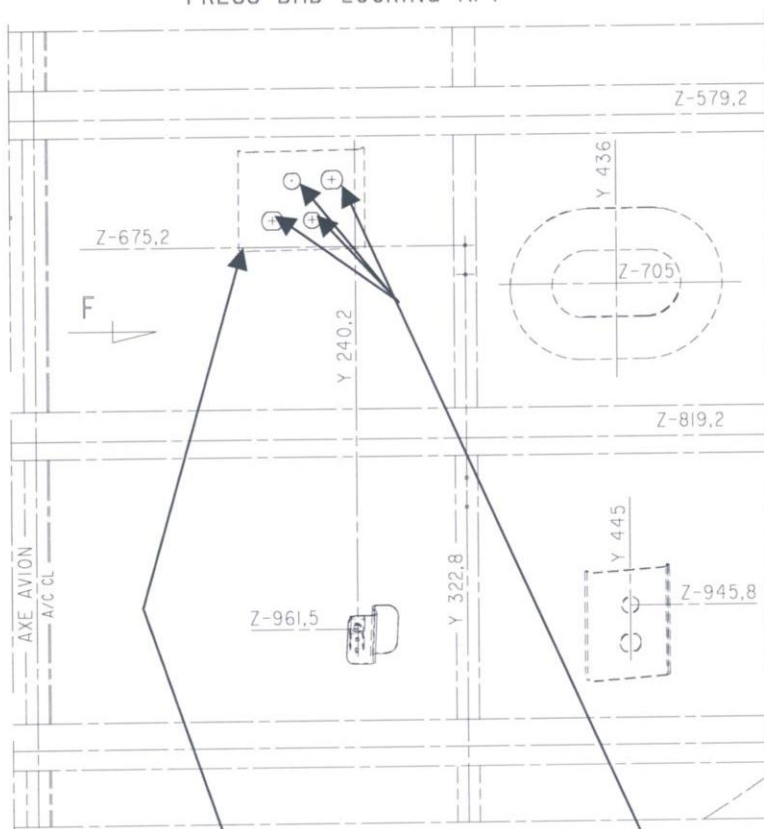
08012392

*ISSUE

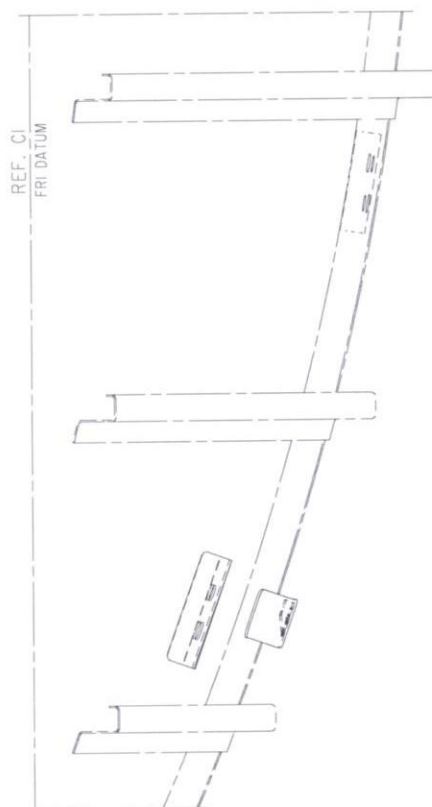
01S

POST-MOD

FOND ETANCHE VU DE L'AVANT
PRESS BHD LOOKING AFT



VUE F
VIEW ON F



4 perçages ajoutés sur le fond étanche
4 holes added at the PRESS BHD

Z-675,2

Y 240,2

Un renfort ajouté à l'arrière du fond étanche
Doublé added at the rear PRESS BHD

* FOR INFORMATION ONLY ON MAS

MAS ISSUE

SKETCH (USE CLM WHERE POSSIBLE)



MOD N°

*MP N°

S30689

*SOURCE

*REFERENCE

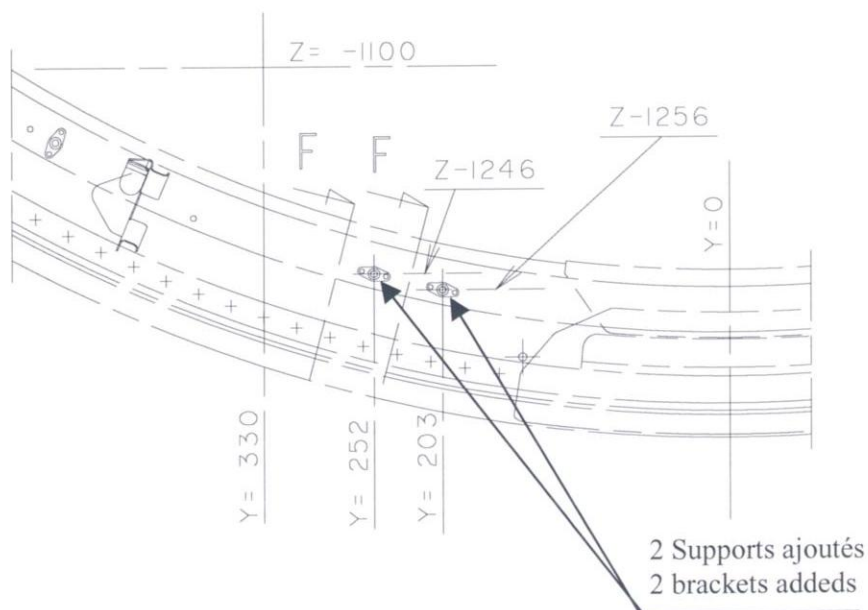
08012392

*ISSUE

01S

POST-MOD

CADRE 1 VU DE L'ARRIERE
FRAME 1 VIEW LOOKING FDW



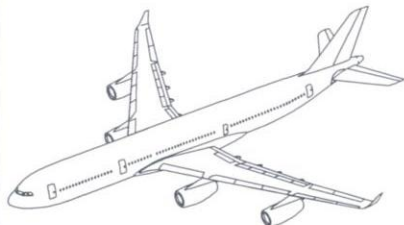
VUE SVT F
VIEW ON F



* FOR INFORMATION ONLY ON MAS

MAS ISSUE

SKETCH (USE CLM WHERE POSSIBLE)



MOD N°

*MP N°

S30689

*SOURCE

*REFERENCE

08012392

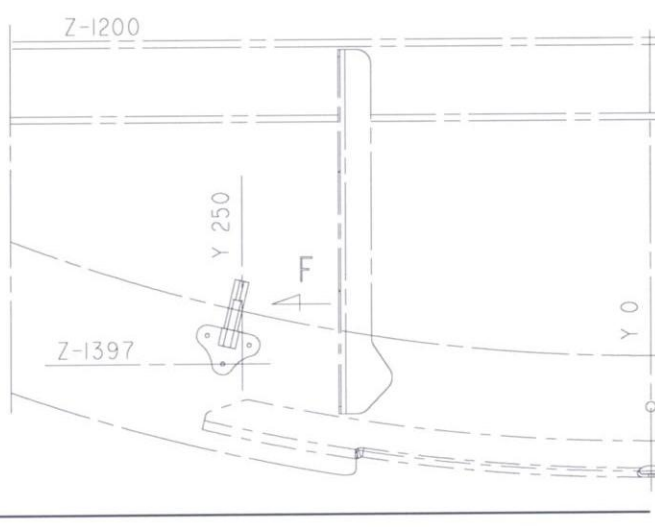
*ISSUE

01S

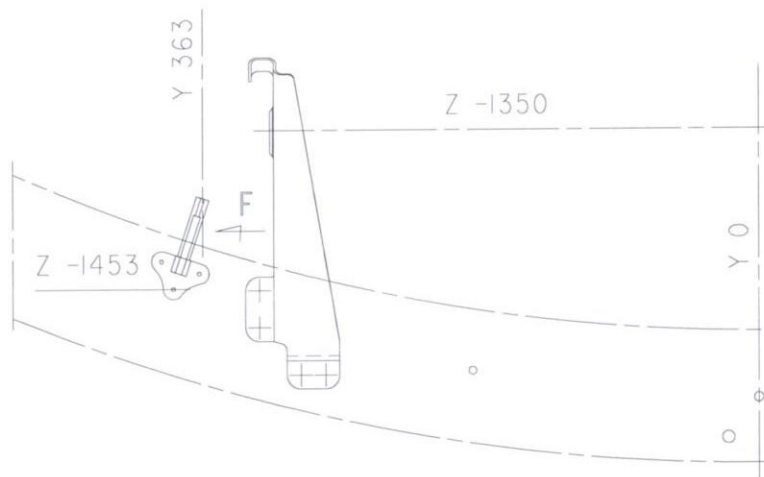
POST-MOD

VUE SVT F
VIEW ON F

CADRE 2 VUE DE L ARRIERE
FRAME 2 VIEW LOOKING FORWARD

1 Support ajouté
1 Bracket added

VUE SVT F
VIEW ON F

CADRE 3 VUE DE L ARRIERE
FRAME 3 VIEW LOOKING FORWARD

1 Support ajouté
1 Bracket added


* FOR INFORMATION ONLY ON MAS

MAS ISSUE

SKETCH (USE CLM WHERE POSSIBLE)



MOD N°

*MP N°

S30689

*SOURCE

*REFERENCE

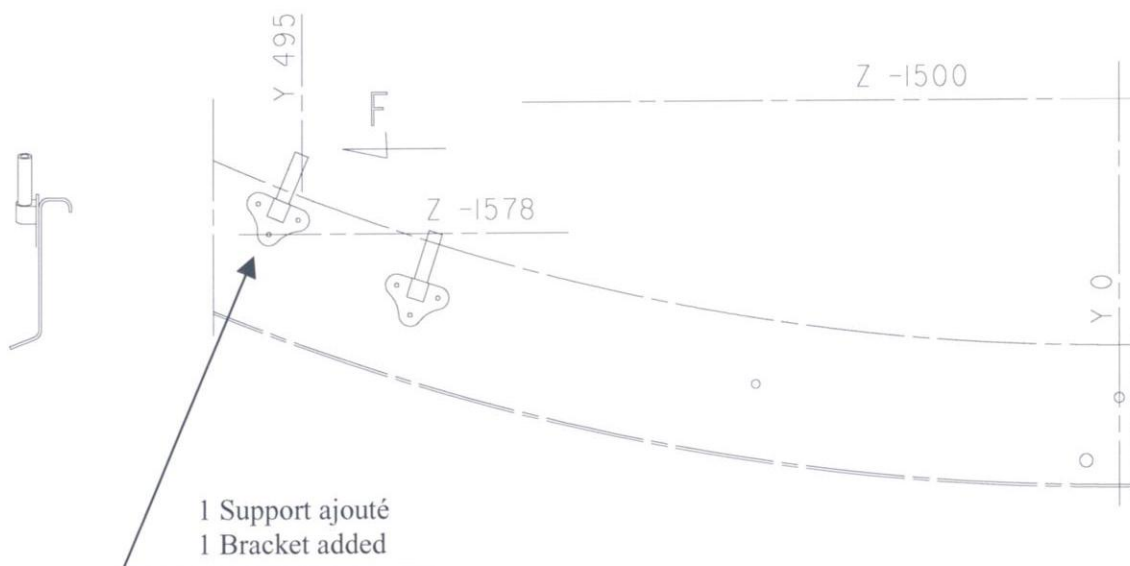
08012392

*ISSUE

01S

POST-MOD

VUE SVT F
VIEW ON F

CADRE 5 VUE DE L ARRIERE
FRAME 5 VIEW LOOKING FORWARD


* FOR INFORMATION ONLY ON MAS

MAS ISSUE

A330	A340	A	4	00
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OTHER REPERCUSSIONS

MOD NO

STAT.TEST	FAT.TEST	LAB.TEST	GROUND.TEST	FLIGHT.TEST	MP NO	S30689
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NO

NO

NO

NO

NO

SOURCE

MAINT

IPC

CONTRACT

MOD COST

STD SPEC

REFERENCE 08012392

RELIABILITY

ICY

BENEFIT

ISSUE

01S

NO

YES

NO

NO

NO

IS THE MODIFICATION RETROFITTABLE:

WITH PRODUCTION SOLUTION?

NO

WITH SPECIAL SOLUTION?

NO

DETAILED DESCRIPTION OF THE MODIFICATION INCLUDING THE WORK TO BE DONE TO EMBODY ON AIRCRAFT BEFORE DELIVERY

RESP.

REPERCUSSIONS ON MECHANICAL SYSTEMS INSTALLATION : (PA84)

CUT OUT AVIONICS COMPARTMENT FRONT FLOOR PANEL, LH SIDE, TO ENABLE THE PASSAGE OF THE ELECTRIC HARNESSSES. SEE SKETCH A3-0.

CE

REPERCUSSIONS ON FIXED BRACKETS WP1

(ATA53) -PA79-

(ON WP1 NLG)

ON FRAME 2:

ADD 1 ASNA2328-3-12 AT X+1568.4, Y+250.2, Z-1346.8

(SHEET A3-7)

ON FRAME 3:

ADD 1 ASNA2328-3-16 AT X+1775.4, Y+363.4, Z-1393.8

(SHEET A3-7)

ON FRAME 5:

ADD 1 ASNA2328-3-12 AT X+2208.4, Y+494.7, Z-1530.7

(SHEET A3-8)

AI/ME

AI/ME

AI/ME

REPERCUSSION ON FIXED BRACKETS IN SECTION 11/12 (PA71)

EFFECT ON WEIGHT: + 0,0980

SPECIAL SUPPLY REFERENCES :

! A330 A340 !

! A ! 4 ! 01 !

DETAILED DESCRIPTION (CONTD)

! MOD NO !

! MP NO !

! S30689 !

! SOURCE !

! REFERENCE ! 08012392 !

! ISSUE ! 01S !

! RESP. !

! ! ON WEB Y330, LH SIDE, ADD 2 STANDARD BRACKETS
! ! AT X1116.3/Z-771.2 AND AT X1116.3/Z-941.8
! ! (SEE SKETCH A3-1).

! AI/ME !

! ! ON FWD PRESSURE BULKHEAD, LH SIDE, AT Z-578, RELOCATE 1
! ! BRACKET FROM Y16 TO Y90 (SEE SKETCH A3-2/A3-3).

! AI/ME !

! ! ON PRESSURE BULKHEAD, LEFT HAND SIDE, ADD 4 HOLES.
! ! BETWEEN Z-580 & Z-680 AND Y240 & Y0. ON AFT PRESSURE
! ! BULKHEAD, LH SIDE, AT THE REAR ON PRESSURE BULKHEAD,
! ! ADD ONE DOUBLER BETWEEN Z-580 & Z-680 AND Y240 & Y0
! ! (SEE SKETCH A3-4/A3-5)

! AI/ME !

! ! AFT OF FR1, LH SIDE.
! ! ADD 2 STANDARD BRACKETS AT Y252/Z-1246 AND Y203/Z-1246
! ! (SEE SKETCH A3-6).

! AI/ME !

! ! ==REPERCUSSIONS ON ELEC SYSTEM INSTALLATION PA82 -SEC 11/12-
! ! =====
! ! == CONNECT SHELF 921VU==
! ! -UPDATE REPRESENTATION OF 921VU CUT-OFF CONNECTOR PLATE.
! ! -MODIFY SUPPORT AND WIRE ROUTING ON 921VU STRUCTURE.....
! ! UPDATE CV MODEL.....

! AI/TO !
! PL !

! ! SHELF 921 (PA83)
! ! -NEW CUT-OFF CONNECTOR PLATE.....
! ! -NEW REAR BEAM TO INSTALL NEW CUT-OFF CONNECTOR
! ! PLATE
! ! -NEW LOCATION OF THE CUT-OFF CONNECTOR AND OF THE WIRE. DO
! ! NOT CHANGE THE LENGTHS.....
! ! -UPDATE CV MODEL

! AI/TO !
! AI/TO !
! AI/TO !
! AI/TO !

! ! ==HARNAIS LOC GLIDE MLS - 1021VB/1022VB=

! ! AT FR5: MODIFY POSITION OF FIXED BRACKETS AND OF STACKING OF
! ! ASSOCIATED MOVABLE BRACKETS.....
! ! UPDATE CV MODEL.....

! AI/ME !

! ! REPERCUSSIONS ON HEAT INSULATION, SEC 11/12 (DL20) :

! MX !

! ! ON PRESSURE BULKHEAD, CREATE NEW INSULATION BLANKET ON

! A330 A340

! A ! 4 ! 02 !

DETAILED DESCRIPTION (CONTD)

MOD NO

MP NO

S30689

SOURCE

REFERENCE! 08012392

ISSUE ! 01S

WEB AT Y=330/Z=-771, Z=-941,8 AND AT Y=240,2/Z=-675,2.

RESP.

MANUALS AFFECTED: -AMM
-IPC

(FRENCH VERSION)

REPERCUSSIONS INSTALLATION SYSTEMES MECANIKES : (PA84)

SUR LE PANNEAU PLANCHER AVANT DE LA SOUTE, COTE GAUCHE,
REALISER UNE DECOUPE POUR LE PASSAGE DES HARNAIS ELECTRIQUES
VOIR CROQUIS PAGE A3-0.

CE

REPERCUSSIONS SUPPORTS FIXES TR11/12 (PA71)

IMPACT MASSE + 0,0980

VOILE Y330 COTE GAUCHE 2 SUPPORTS STANDARD AJOUTES
A X1116,3/Z-771,2 ET A X1116,3/Z-941,8
(VOIR CROQUIS A3-1)

AI/ME

FOND ETANCHE COTE GAUCHE A L'AV. AU Z-578
1 SUPPORT DEPLACÉ DE Y16 A Y90
(VOIR CROQUIS A3-2/A3-3)

AI/ME

FOND ETANCHE COTE GAUCHE 4 PERCAGES AJOUTES
ENTRE LES Z-580 / Z-680 ET LES Y240 / Y0
FOND ETANCHE COTE GAUCHE A L'AR. UN RENFORT AJOUTE
ENTRE LE Z-580 & LE Z-680 ET LE Y240 & Y0
(VOIR CROQUIS A3-4/A3-5)

AI/ME

CADRE 1 COTE GAUCHE A L'AR. 2 SUPPORTS STANDARD AJOUTES
A Y252/Z-1246 ET A Y203/Z-1246
(VOIR CROQUIS A3-6)

AI/ME

==REPERCUSSIONS INSTALLATION SYSTEMES ELEC PA82 - TR11/12==
==
==CONNECTER 921VU==

A330	A340					
		A	4	03		

DETAILED DESCRIPTION (CONTD)

MOD NO	
MP NO	S30689
SOURCE	
REFERENCE	08012392
ISSUE	01S

-MAJ IMAGE DE LA PLATINE DE COUPURE 921VU.....
 -MODIFICATION SUPPORT ET CHEMINEMENT SUR STRUCTURE 921VU...
 MAJ MODELE CV.....

RESP.
 AI/TO
 PL

ETAGERE 921VU (PA83)

-NOUVELLE PLATINE DE COUPURE.....
 -NOUVELLE POUTRE ARRIERE POUR INSTALLATION NOUVELLE PLATINE
 DE COUPURE.....
 -NOUVELLE IMPLANTATION CONNECTEUR DE COUPURE ET CHEMINEMENT
 SANS REPERCUSSIONS LONGUEURS.....
 -MISE A JOUR MODELE "CV".....

AI/TO
 AI/TO
 AI/TO
 AI/TO
 AI/TO

==HARNAIS LOC GLIDE MLS - 1021VB/1022VB=

AU C5: MODIFICATION DE LA POSITION DU SUPPORT FIXE ET DE L'
 EMPILLAGE DES SUPPORTS MOBILES ASSOCIES.....
 MAJ MODELE CV

AI/ME

REPERCUSSIONS ISOLATION THERMIQUE TR 11/12 (DL20) :

MX

=====

CREATION DE NOUVEAUX MATELAS D'ISOLATION SUR VOILE A
 Y=330/Z=-771, Z=-941,8 ET A Y=240,2/Z=-675,2 SUR FOND
 ETANCHE.

MANUALS IMPACTED : -AMM
 -IPC

! A330 A340

! A ! 5 ! 00 !

DESIGN OFFICE

MOD NO

NAME : ORTOLA

MP NO

S30689

DEPT : TNESL

SOURCE

PHONE : 61 1 85801

REFERENCE 08012392

TARGET DATE FOR MODIFICATION DECISION: / /

ISSUE 01S

SYSTEM AFFECTED

ESTIMATED ISSUE (WEEKS)

CODE

ATA

FUNCTIONAL

CONST

EQUIPMT

SCHEMES

REFERENCE(FIN)

ASSEM

SPECIF

DRAWINGS

V

25

25B900201

FB436

+ 8

V

25

25B901201

FB436

+ 8

G

53

53B100601

FB004

+ 8

G

53

53B301603

FB014

+ 8

G

53

53B302601

FB022

+ 8

G

53

53B302602

FB022

+ 8

G

53

53U000601

FA999

+ 8

W

92

92B904537

FC000

+ 8

W

92

92Z105021

FA999

+ 8

W

92

92Z105022

FA999

+ 8

W

92

92Z105055

FA999

+ 8

W

92

92Z400201

FB178

+ 8

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92Z400202

FB178

+ 8

W

92

92Z400301

FB178

+ 8

W

92

92Z404524

FA999

+ 8

W

92

92Z404537

FA999

+ 8

REMARKS :

! A330 A340

! A ! 6 ! 00 !

AFFECTED CHAPTERS

MOD NO

1 DESIGN

MP NO

S30689

2 WIND TUNNEL & MOCKUP

3 STRUCTURE TEST

10

SOURCE

4 SYSTEMS TEST

11 GROUND EQUIPMENT

5 SIMULATOR

12 SPARES

6 EQUIPMENT DEVEL

13 SALES & PRODUCT SUP

REFERENCE

08012392

7 TOOLING & MOCKUP

14 MISCELLANEOUS

ISSUE

01S

8 MANUFACTURE

9 FLIGHT TESTS

CHAPTER

DEFINITION OF WORK

RESPONSIBLE

EXECUTION

001

DESIGN

S ! ! ! ! ! S ! ! ! ! !

DESIGN WORK

S ! ! ! ! ! S ! ! ! ! !

008

MANUFACTURE

S ! ! ! ! ! S ! ! ! ! !

MANUFACTURE NEW PARTS

S ! ! ! ! ! S ! ! ! ! !

014

MISCELLANEOUS

S ! ! ! ! ! S ! ! ! ! !

900

INVOLVED : NCF

! ! ! ! ! ! ! ! ! ! !

INVOLVED : NCF PA

! ! ! ! ! ! ! ! ! ! !

INVOLVED : NCF PA AE

! ! ! ! ! ! ! ! ! ! !

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