



RIO MECHANICAL INDUSTRIES INC

RIO RANCHO, NM 87124 505-896-2644

P/N 65518370000100 S/N-CS2082

DATE 15 MAR 2011 WORK ORDER NO. 9853

FAA REPAIR STATION NO. 087R142Y

1. Approving National Aviation Authority/Country: FAA/UNITED STATES		2. AUTHORIZED RELEASE CERTIFICATE FAA FORM 8130-3, AIRWORTHINESS APPROVAL TAG		3. Form Tracking Number: AMI W/O 9853	
4. Organization Name and Address: Aero Mechanical Industries, Inc. 4901 Rockaway Blvd N.E. Rio Rancho, NM 87124 USA Ph: 505-896-2644, Fax: 505-896-2645		5. Work Order, Contract or Invoice Number: AMI W/O 9853			
6. Item		7. Description:		8. Part Number:	
1		TIP ASSY (RH)		G5518370000100	
9. Eligibility: *		10. Quantity:		11. Serial/Batch Number:	
N/A		1.00		CS2082	
12. Status/Work:				OVERHAULED	
13. REMARKS Cleaned, Inspected, Repaired, Overhauled and Returned to Service In Accordance with Airbus A340 Structural Repair Manual, Chapters 51-11-00, 51-23-11, 51-42-11, 51-73-00, 51-75-11, 55-14-00, and 55-14-12, Revision No. 18, Dated November 1, 2010 Full Details held on AMII W/O 9853 Certifies that the work in block 12/13 was carried out in accordance with EASA Part-145 and in respect to that work the component is considered ready for release to service under EASA Part-145 Approval Number: EASA 145.5675.					
14. Certifies the items identified above were manufactured in conformity to: ☐ Approved design data and are in a condition for safe operation. ☐ Non-approved design data specified in Block 13		19 ☐ 14 CFR 43.9 Return to Service ☒ Other regulation specified in Block 13 Certifies that unless otherwise specified in Block 13, the work identified in Block 12 and described in Block 13 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.			
15. Authorized Signature:		16. Approval Authorization No:		21. Approval/Certificate No: O87R142Y	
17. Name (Typed or Printed):		18. Date (m/d/y):		23. Date (m/d/y): Mar/15/2011	
User/Installer Responsibilities					
It is important to understand that the existence of this document alone does not automatically constitute authority to install the part/component/assembly. Where the user/installer work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1 it is essential that the user/installer ensures that his/her airworthiness authority accepts parts/components/assemblies from the airworthiness authority of the country specified in Block 1. Statement in Blocks 14 and 19 do not constitute installation certification. In all cases aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.					
NSN:0052-00-012-9005					

Aero Mechanical Industries, Inc.

4901 Rockaway Blvd N.E.

Rio Rancho, NM 87124

USA

Ph: 505-896-2644, Fax: 505-896-2645

Work Order**Work Order #: 9853**

Date Printed: 3/15/2011

Time: 7:59:22 AM

Page: 1

To:

ATTN: Matt Ely
Source One Spares
1818 Memorial Drive
Ste 201
Houston, TX 77007
USA

Ship To:

Source One Spares
4901 Rockaway Blvd
Rio Rancho, NM 87124
USA

Ref #: 4497 Phone #: 702-285-1888 Fax #: Email: Descr: TIP ASSY (RH)
Code: SOS1 Site: PN: G5518370000100
Qty: 1.00 Station: Make: A340 Model: A340 Mfg: AIRBUS

TSN: 0 TSO: 0 TSR: 0 CSN: 0 CSO: 0 CSR: 0

Est Value 6500

UDF 2 4000

UDF 3

UDF 4 A

UDF 5

UDF 6

Entry Date: 3/2/2011 Need Date: 3/22/2011 Compl. Date: Warranty: No Container:

Serial Numbers: CS2082

Task Description	Status	Non-Routine #
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Planning Receiving Inspectic	Work Order Comp	101
Planning In-process Inspecti	Work Order Comp	102
Planning Quality	Work Order Comp	103
Receiving Inspection	Work Order Comp	201
Receiving Inspection	Work Order Comp	202
Receiving Inspection	Work Order Comp	203
Receiving Inspection	Work Order Comp	204
Receiving Inspection	Work Order Comp	205
Receiving Inspection	Work Order Comp	206
In-process Inspection	Work Order Comp	207
In-process Inspection	Work Order Comp	208
Additional Work Required	Work Order Comp	209
Additional Work Required	Work Order Comp	210

Lead Technician: Shub B. Bage Non-Routines From: 101 / 201 To: 103 / 210 Inspector: AMII A qc

This airframe component or accessory was repaired and/or inspected in accordance with the current maintenance of the Federal Aviation Regulations and is approved for **Return to Service**. Pertinent details of the repair are on file at this repair station.

Work Order Number: 9853

Date Completed: MAR 15 2011Authorized Signature: [Signature]

Aero Mechanical Industries, Inc.
4901 Rockaway Blvd.
NE
Rio Rancho, NM 87124

FAA Repair Station No. O87R142Y

Planning Work Instructions

Work Order #: 9853

Aero Mechanical Industries, Inc.

Page: 1 of 3

PN: G5518370000100
S/N: CS2082
Descr: TIP ASSY (RH)
Work Req: OH PER CUSTOMER RO

Customer: Source One Spares
Cust RO: 4497
Model: A340
Reg:

Qty: 1
Date Printed: 3/3/2011
Station:
Date Req: 3/22/2011

Task: Planning Receiving Inspection

Work Instructions

Preliminary:

Verify: P / N: G5518370000100 S / N: CS2082

DOM: 06/07/05 Removed From: Iberia A340-622; TAIL EC-JOH; MSN 731

Record defects on AMI Form 097 and forward to Quality Coordinator for input.

Input and issue Non-Routines Stamp 3/3/2011
Date

Reference Data:

ATA 55

IPC 55-14-11-20-2

SRM 55-14

CMM

MAR 03 2011

Signature	Inspector
	

Planning Work Instructions

Work Order #: 9853

Page: 2 of 3

Aero Mechanical Industries, Inc.

PN: G5518370000100

Customer: Source One Spares

Qty: 1

S/N: CS2082

Cust RO: 4497

Date Printed: 3/3/2011

Descr: TIP ASSY (RH)

Model: A340

Station:

Work Req: OH PER CUSTOMER RO

Reg:

Date Req: 3/22/2011

Task: Planning In-process Inspection

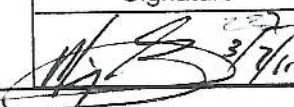
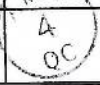
Work Instructions

In-Process Inspection

Visually check for defects and Record defects on AMI Form 016 Non-Routine

In Accordance With SRM ^{513 233} 55-14-00 REV. 18 - NOV 01/10

MAR 08 2011

Signature	Inspector
	

Ok to Paint:

Verify:

1. Lead Mechanic or Production Manager; Check part for completion of repairs and completion of planning and non-routine documents prior to paint.

Initials or Employee # SB and Date 3/12/11

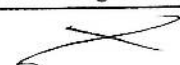
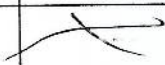
2. Paint Shop Lead check condition of component for acceptable condition and finish requirements.

Initials or Employee # AKS and Date MAR 14 2011

3. Quality Validate required repairs and documentation are complete to this point.

Quality "Ok to Paint"  3/14/11

List parts to be painted: _____

Signature	Inspector
	

Planning Work Instructions

Work Order #: 9853

Aero Mechanical Industries, Inc.

Page: 3 of 3

PN: G5518370000100
S/N: CS2082
Descr: TIP ASSY (RH)
Work Req: OH PER CUSTOMER RO

Customer: Source One Spares
Cust RO: 4497
Model: A340
Reg:

Qty: 1
Date Printed: 3/3/2011
Station:
Date Req: 3/22/2011

Task: Planning Quality

Work Instructions

Lead Check:

Verify the Completion and Proper Referencing of all Planning and Non-Routine Tasks.

MAR 15 2011

Signature	Inspector
<i>SB</i> 233 3/14/11	AMI A QC

Quality Check / Documentation:

1. Quality Check:

Accomplish Final Inspection

2. Quality Verify:

Verify : P / N: G5518370000100 S / N: CS2082

MAR 15 2011

Signature	Inspector
<i>[Signature]</i>	AMI A QC

Work Order Scope and Traveler

Aero Mechanical Industries, Inc.

Repair Station #: O87R142Y

Work Order #: 9853

Date Printed: 3/3/2011

Time: 11:06:13 AM

Page: 1 of 6

PN: G5518370000100

Descr: TIP ASSY (RH)

Station:

Reg:

Qty: 1

Work Required: OH PER CUSTOMER RO

Model: A340

Customer: Source One Spares

Code: SOS1

Date Req: 3/22/2011

Cust RO: 4497

Serial Numbers: CS2082

Task: Receiving Inspection

Findings/Discrepancies: tip assy is dirty

Corrective Action:

REMOVED OLD PAINT BY ABRASION METHOD
IAW SRM 51-75-11 PARA 3 REV. 18 - NOV 01/10 17

Technician Signature

Inspector

M. B. [Signature]

AMI
4
QC

3/7/11

MAR 08 2011

Work Order Scope and Traveler

Aero Mechanical Industries, Inc.

Repair Station #: O87R142Y

Work Order #: 9853

Date Printed: 3/3/2011

Time: 11:17:55 AM

Page: 2 of 6

PN: G5518370000100

Descr: TIP ASSY (RH)

Station:

Reg:

Qty: 1

Work Required: OH PER CUSTOMER RO

Model: A340

Customer: Source One Spares

Code: SOS1

Date Req: 3/22/2011

Cust RO: 4497

Serial Numbers: CS2082

Task: Receiving Inspection

Findings/Discrepancies: paint is faded, chipped, peeling, and worn

Corrective Action:

Applied new primer Pac 33 (CML 16-001)
and Topcoat PU 66 (CML 16-018) IAW SRM 51-23-1P
Rev. 18 Nov. 01, 2010

Pac 33 primer Rics # 10-1011 Exp. 11-30-2011
PU66 Topcoat Rics # 09-0866 Exp. 12-31-2011

Technician Signature

[Signature]
277

Inspector

[Signature]
OC

APR 14 2011

Work Order Scope and Traveler

Aero Mechanical Industries, Inc.

Repair Station #: O87R142Y

Work Order #: 9853

Date Printed: 3/3/2011

Time: 11:06:14 AM

Page: 3 of 6

PN: G5518370000100

Descr: TIP ASSY (RH)

Station:

Reg:

Qty: 1

Work Required: OH PER CUSTOMER RO

Model: A340

Customer: Source One Spares

Code: SOS1

Date Req: 3/22/2011

Cust RO: 4497

Serial Numbers: CS2082

Task: Receiving Inspection

Findings/Discrepancies: removed from an accident related aircraft - detailed hidden damage inspection required

Corrective Action:

INSPECTED TIP ASSY JAW SEM 51-11-00
REV-18, NOV-01/10. FOR HIDDEN DAMAGE
SEE FOLLOWING NON-ROUTINES FOR FINDINGS.

Technician Signature

Inspector

[Signature] 227
3/11/11



MAR 14 2011

Work Order Scope and Traveler

Aero Mechanical Industries, Inc.

Repair Station #: O87R142Y

Work Order #: 9853

Date Printed: 3/3/2011

Time: 11:06:14 AM

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PN: G5518370000100

Descr: TIP ASSY (RH)

Station:

Reg:

Qty: 1

Work Required: OH PER CUSTOMER RO

Model: A340

Customer: Source One Spares

Code: SOS1

Date Req: 3/22/2011

Cust RO: 4497

Serial Numbers: CS2082

Task: Receiving Inspection

Findings/Discrepancies: one each dent found on OB upper skin surface 11" from TE, approx 3" dia

Corrective Action:

REMOVED DENT IAW SKM 55-14-12, REV-18,
NOV-01/10. RS/227

FABRICATED REPAIR DOUBLER IAW SKM
55-14-12, REV-18, NOV-01/10. RS/227

REPAIRED DAMAGE IAW SKM 55-14-12, REV-18,
NOV-01/10.

2024-T3, .080, RICS# 07-1264, PO# 3840
N1001NE 1200S, RICS# 11-0111, EXP: 9/24/14
PR 1422 B42, RICS# 11-0164, EXP: 9/24/11
RIVETS, CR3212-5-3, RICS# 11-0390, PO# 8319
RIVETS, PN# CR3212-5-4, RICS# 11-0390, PO# 8319

Technician Signature

Inspector

[Signature] 227
3/12/11

AMT
4
QC

MAR 14 2011

Work Order Scope and Traveler

Aero Mechanical Industries, Inc.

Repair Station #: O87R142Y

Work Order #: 9853

Date Printed: 3/3/2011

Time: 11:06:14 AM

Page: 5 of 6

PN: G5518370000100

Descr: TIP ASSY (RH)

Station:

Reg:

Qty: 1

Work Required: OH PER CUSTOMER RO

Model: A340

Customer: Source One Spares

Code: SOS1

Date Req: 3/22/2011

Cust RO: 4497

Serial Numbers: CS2082

Task: Receiving Inspection

Findings/Discrepancies: lwr cover loosely attached

Corrective Action:

REMOVED COVER IAW SRM 51-42-11 REV. 18-

NOV 01/10 MB 289

INSTALLED COVER IAW SRM 51-42-11, REV-18, NOV-01/10.

BOLT, RCL# 11-0388, PO# 8326, PH# NAS1581C3T2

Technician Signature

Inspector

[Signature]
3/3/11



MAR 14 2011

Work Order Scope and Traveler

Aero Mechanical Industries, Inc.

Repair Station #: O87R142Y

Work Order #: 9853

Date Printed: 3/3/2011

Time: 11:06:14 AM

Page: 6 of 6

PN: G5518370000100

Descr: TIP ASSY (RH)

Station:

Reg:

Qty: 1

Work Required: OH PER CUSTOMER RO

Model: A340

Customer: Source One Spares

Code: SOS1

Date Req: 3/22/2011

Cust RO: 4497

Serial Numbers: CS2082

Task: Receiving Inspection

Findings/Discrepancies: inner TE web skin is dented at fwd end

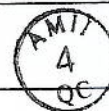
Corrective Action:

DRESSED-OUT DENT IN T/E WEB SKIN IAW
SRM 51-73-00, REV-18, NOV-01/10.

Technician Signature

Inspector

[Signature]
237
3/9/11



MAR 14 2011

Work Order Scope and Traveler

Aero Mechanical Industries, Inc.

Repair Station #: O87R142Y

Work Order #: 9853

Date Printed: 3/8/2011

Time: 8:13:38 AM

Page: 1 of 4

PN: G5518370000100

Descr: TIP ASSY (RH)

Station:

Reg:

Qty: 1

Work Required: OH PER CUSTOMER RO

Model: A340

Customer: Source One Spares

Code: SOS1

Date Req: 3/22/2011

Cust RO: 4497

Serial Numbers: CS2082

Task: In-process Inspection

Findings/Discrepancies: gouge on upper surface 8" from IB fastener edge 9" from TE fastener edge

Corrective Action:

CUT OUT GOUGE DAMAGE IAW SRM
55-14-12, REV-18, NOV-01/10. RS/227.

FABRICATED REPAIR DOUBLER IAW SRM
55-14-12, REV-18, NOV-01/10. RS/227

REPAIRED DAMAGE IAW SRM 55-14-12, REV-18,
NO 01/10.

2024-T3, .080, RICS# 07-1264, PO# 3840

ALODINE 1200S, RICS# 11-0111, EXP: 9/24/14

PR1422 B1/2, RICS# 11-0164, EXP: 9/29/11

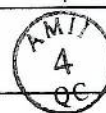
RIVETS, PN# CR3212-5-4, RICS# 11-0390, PO# 8319

RIVET, PN# CR3212-5-3, RICS# 11-0390, PO# 8319

Technician Signature

Inspector

[Signature] 227
3/2/11



MAR 14 2011

Work Order Scope and Traveler

Aero Mechanical Industries, Inc.

Repair Station #: O87R142Y

Work Order #: 9853

Date Printed: 3/8/2011

Time: 8:13:38 AM

Page: 2 of 4

PN: G5518370000100

Descr: TIP ASSY (RH)

Station:

Reg:

Qty: 1

Work Required: OH PER CUSTOMER RO

Model: A340

Customer: Source One Spares

Code: SOS1

Date Req: 3/22/2011

Cust RO: 4497

Serial Numbers: CS2082

Task: In-process Inspection

Findings/Discrepancies: gouge on upper surface 9" to 14" from IB edge of fasteners 62" from TE

Corrective Action:

CUT OUT GOUGE DAMAGE IAW SRM 55-14-12,
REV-18, NOV-01/10. RS/222.

FABRICATED REPAIR DOUBLER IAW SRM
55-14-12, REV-18, NOV-01/10. RS/222

REPAIRED DAMAGE IAW SRM 55-14-12, REV-
18, NOV-01/10.

2024-T3, .080, RICS# 07-1264, PO# 3840
ALODINE 1200S, RICS# 11-0111, EXP: 9/24/14
PR 1422 B¹/₂, RICS# 11-0164, EXP: 9/20/11
Rivet, PN# CR3212-5-4, RICS# 11-0390, PO# 8319
Rivet, PN# CR3212-5-3, RICS# 11-0390, PO# 8319

Technician Signature

Inspector

[Signature]
222
3/12/11



MAR 14 2011

Work Order Scope and Traveler

Aero Mechanical Industries, Inc.

Repair Station #: O87R142Y

Work Order #: 9853

Date Printed: 3/8/2011

Time: 8:13:38 AM

Page: 3 of 4

PN: G5518370000100

Descr: TIP ASSY (RH)

Station:

Reg:

Qty: 1

Work Required: OH PER CUSTOMER RO

Model: A340

Customer: Source One Spares

Code: SOS1

Date Req: 3/22/2011

Cust RO: 4497

Serial Numbers: CS2082

Task: Additional Work Required

Findings/Discrepancies:

Corrective Action:

Not

used



MAR 15 2011

Technician Signature

Inspector

Work Order Scope and Traveler

Aero Mechanical Industries, Inc.

Repair Station #: O87R142Y

Work Order #: 9853

Date Printed: 3/8/2011

Time: 8:13:39 AM

Page: 4 of 4

PN: G5518370000100

Descr: TIP ASSY (RH)

Station:

Reg:

Qty: 1

Work Required: OH PER CUSTOMER RO

Model: A340

Customer: Source One Spares

Code: SOS1

Date Req: 3/22/2011

Cust RO: 4497

Serial Numbers: CS2082

Task: Additional Work Required

Findings/Discrepancies:

Corrective Action:

Not

Used

AMT
4 MAR 15 2011
OC

Technician Signature

Inspector