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TRANSMITTAL SHEET

The Re-issue, dated MAY 15/07 is attached and covers all components held by every operator

GENERAL :

FILING INSTRUCTIONS :

27-92-00

TRANSMITTAL SHEET
Page 1 / 1
MAY 15/07

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(F9503)

**ABBREVIATED
COMPONENT MAINTENANCE MANUAL
WITH
ILLUSTRATED PARTS LIST**

PITCH TRIM CONTROL SWITCHES

P/N 350-001

360-001

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350-001 360-001

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REV N°	ISSUE DATE	INSERTED		REV N°	ISSUE DATE	INSERTED	
		DATE	BY			DATE	BY

27-92-00

ROR Page 1 / 2
MAY 15/07

MADELEC AERO
ABBREVIATED COMPONENT MAINTENANCE MANUAL
350-001 360-001

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TEMP. REV. N°	ISSUE DATE	INSERTED		REMOVED		PAGE N°
		DATE	BY	DATE	BY	

27-92-00

RTR Page 1 / 2
MAY 15/07

MADELEC AERO
ABBREVIATED COMPONENT MAINTENANCE MANUAL
350-001 360-001

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SERVICE BULLETIN	REV	DATE OF INCORPORATION	TITLE

MADELEC AERO
ABBREVIATED COMPONENT MAINTENANCE MANUAL
350-001 360-001

LIST OF EFFECTIVE PAGES

<u>SUBJECT</u>	<u>PAGE</u>	<u>DATE</u>	<u>SUBJECT</u>	<u>PAGE</u>	<u>DATE</u>
TITLE PAGE	1	MAY 15/07	Ni / ALPHA 10001	1	MAY 15/07
	2	COPYRIGHT		2	BLANK
RECORD OF REVISIONS	1	MAY 15/07	Ni / Num 10001	1	MAY 15/07
	2	BLANK		2	BLANK
RECORD OF TEMPORARY REVISIONS	1	MAY 15/07	DETAILED PARTS LIST	1	MAY 15/07
	2	BLANK	10001	10001 -0	MAY 15/07
SERVICE BULLETIN LIST	1	MAY 15/07		10001 -1	MAY 15/07
	2	BLANK		10001 -2	BLANK
LIST OF EFFECTIVE PAGES	1	MAY 15/07			
	2	BLANK			
TABLE OF CONTENTS	1	MAY 15/07			
	2	MAY 15/07			
TABLE OF FIGURES	1	MAY 15/07			
	2	BLANK			
DESCRIPTION AND OPERATION	1	MAY 15/07			
	2	BLANK			
DISASSEMBLY	3001	MAY 15/07			
	3002	BLANK			
CLEANING	4001	MAY 15/07			
	4002	BLANK			
ASSEMBLY	7001	MAY 15/07			
	7002	BLANK			
FITS AND CLEARANCES	8001	MAY 15/07			
	8002	BLANK			
ILLUSTRATED PARTS LIST 10001	1	MAY 15/07			
	2	BLANK			
INTRO 10001	1	MAY 15/07			
	2	BLANK			
Vci 10001	1	MAY 15/07			
	2	BLANK			

27-92-00

LEP Page 1 / 2
MAY 15/07

MADELEC AERO
ABBREVIATED COMPONENT MAINTENANCE MANUAL
350-001 360-001

TABLE OF CONTENTS

	PAGE
INTRODUCTION	NOT APPLICABLE
DESCRIPTION AND OPERATION	1
1. Description	1
A. Purpose	1
B. Description	1
C. Approximate dimensions and weights	1
TESTING AND FAULT ISOLATION	NOT APPLICABLE
SCHEMATICS AND WIRING DIAGRAMS	NOT APPLICABLE
DISASSEMBLY	3001
1. Disassembly	3001
A. Reason for job	3001
B. Job set-up information	3001
C. Job set-up	3001
D. Procedure	3001
CLEANING	4001
1. Cleaning Materials	4001
A. Reason for the job	4001
B. Job set-up information	4001
C. Job set-up	4001
D. Procedure	4001
INSPECTION/CHECK	NOT APPLICABLE
REPAIR	NOT APPLICABLE
ASSEMBLY	7001
1. Assembly	7001
A. Reason for the job	7001
B. Job set-up information	7001
C. Job set-up	7001
D. Procedures	7001
FITS AND CLEARANCES	8001
1. Fits and clearances	8001

MADELEC AERO
ABBREVIATED COMPONENT MAINTENANCE MANUAL
350-001 360-001

SPECIAL TOOLS, FIXTURES, EQUIPMENT AND CONSUMABLES	NOT APPLICABLE
SPECIAL PROCEDURES.....	NOT APPLICABLE
STORAGE - TRANSPORTATION.....	NOT APPLICABLE
REWORK	NOT APPLICABLE
ILLUSTRATED PARTS LIST	IPL 10001 1
1. Introduction	INTRO 10001 1
A. General	INTRO 10001 1
B. How to use the detailed parts list.....	INTRO 10001 1
Vendor Code Index.....	VCI 10001 1
Alpha Index.....	NI/ALPHA 10001 1
Numerical Index.....	NI/NUM 10001 1
Detailed Parts List.....	DPL 10001 1

MADELEC AERO
ABBREVIATED COMPONENT MAINTENANCE MANUAL
350-001 360-001

TABLE OF FIGURES

	PAGE
<u>ILLUSTRATED PARTS LIST:</u>	
FIGURE 1 SWITCHES,PITCH TRIM CONTROL	10001-0

DESCRIPTION AND OPERATION

TASK 27-92-00-870-801-A01

1. **DESCRIPTION**

A. Purpose

- (1) Pitch Trim Control Switches P/N 350-001 or P/N 360-001 are installed in aircraft cockpits (they are each located in the pedestal panel).
- (2) This manual describes disassembly and assembly procedures for replacement of a limited number of parts in a workshop.

B. Description

- (1) The main function is the control by the pilots of the Trimmable Horizontal Stabilizer (THS) via the flight control computers (BCM included).
- (2) The equipment is divided into 2 identical groups (Main part type 1 Equipped and Main Part Type 2 Equipped) independently controlled by one button.
- (3) Each group is able to deliver 3 independent electrical signals for each movement of the corresponding button.

C. Approximate dimensions and weights

Width 1: 45 mm (1.77 in),

Width 2: 50 mm (1.97 in),

Height: 104,6 mm (4.12 in),

Weight: 0,330 kg (0.73 lb).

DISASSEMBLY

TASK 27-92-00-000-801-A01

1. **DISASSEMBLY**

A. Reason for job

Self-Explanatory.

B. Job set-up information

(1) Fixtures, tools, test and support equipment

TOOLS	SPECIFICATION	SOURCE
Screwdriver	/	Local supply

Table 3001: Fixtures, tools, test and support equipment

(2) Consumables

Not applicable.

C. Job set-up

(1) Not applicable.

D. Procedure

Subtask 27-92-00-000-001-A01

(1) Disassembly of the equipment (Ref. to Fig. 10001)

(a) Remove the two screws (30).

(b) Remove the two main part equipped (10) and (20).

(c) Remove the internal cover (40).

CLEANING

TASK 27-92-00-100-801-A01

1. **CLEANING MATERIALS**

A. Reason for the job

(1) Self-Explanatory.

B. Job set-up information

(1) Fixtures, tools, test and support equipment

TOOLS	SPECIFICATION	SOURCE
Dry rag	/	Local supply

Table 4001: Fixtures, tools, test and support equipment

(2) Consumables

Not applicable.

C. Job set-up

Not applicable.

D. Procedure

Subtask 27-92-00-100-001-A01

(1) Clean the housing carefully with specified tool.

MADELEC AERO
ABBREVIATED COMPONENT MAINTENANCE MANUAL
350-001 360-001

ASSEMBLY

TASK 27-92-00-400-801-A01

1. **ASSEMBLY**

A. Reason for the job

Self-Explanatory.

B. Job set-up information

(1) Fixtures, tools, test and support equipment

TOOLS	SPECIFICATION	SOURCE
Screwdriver	/	Local supply

Table 7001: Fixtures, tools, test and support equipment

(2) Consumables

CONSUMABLES	SPECIFICATION	SOURCE
Adhesive Loctite 243	MIL-S-46163	Local supply

Table 7002: Consumables

C. Job set-up

Not applicable.

D. Procedures

Subtask 27-92-00-440-000-A01

(1) Assembly of the Subassemblies (Ref. to Fig. 10001)

- (a) Install the internal cover (40) between Maint Part Type 1 Equipped (10) and Maint Part Type 2 Equipped (20) in the specified area.
- (b) Press the two sub-assembly (10) and (20) and fasten with two screws (30).
- (c) Torque the screw (30) to between 0.56 to 0.57N.m (4.95 to 5lbf.in).

MADELEC AERO
ABBREVIATED COMPONENT MAINTENANCE MANUAL
350-001 360-001

FITS AND CLEARANCES

TASK 27-92-00-820-801-A01

1. **FITS AND CLEARANCES**

IPL FIG. ITEM No.	DESIGNATION	TORQUE VALUE*		
		N.m	lbf.in	lbf.ft
(1-30)	Screw	0.56 to 0.57	4.95 to 5	—

* In lbf. in. for torque values below 13,50 N.m.

* In lbf. ft. for torque values above 13,50 N.m.

MADELEC AERO
ABBREVIATED COMPONENT MAINTENANCE MANUAL
350-001 360-001

ILLUSTRATED PARTS LIST

27-92-00

IPL 10001 PAGE 1
MAY 15/07

MADELEC AERO
ABBREVIATED COMPONENT MAINTENANCE MANUAL
350-001 360-001

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27-92-00

IPL 10001 PAGE 2
MAY 15/07

MADELEC AERO
ABBREVIATED COMPONENT MAINTENANCE MANUAL
350-001 360-001

ILLUSTRATED PARTS LIST

TASK 27-92-00-871-801-A01

1. **INTRODUCTION**

A. General

- (1) The Illustrated Part List is a breakdown of assemblies index numbers on the exploded view illustration accompanying the Detailed Parts List indicate the general order of assembly.

B. How to use the detailed parts list

- (1) The Detailed Part List will be used to identify parts and their relationship to each other. The units per assembly column of the Detailed Parts List indicates the quantity of each part required for the next higher assembly.
- (2) Part numbers and description in the Detailed Parts List identify each part. The index numbers in the Detailed Parts List refer to the accompanying exploded view illustration.

MADELEC AERO
ABBREVIATED COMPONENT MAINTENANCE MANUAL
350-001 360-001

VENDOR CODE	NAME-ADDRESS
VD8286	DIN DEUTSCHES INSTITUT FUER NORMUNG EV KAMEKESTRASSE 2-8 50672 KOELN GERMANY
VF9503	MADELEC AERO SARL ZA DU BEL AIR 14 RUE GUSTAVE EIFFEL 78514 RAMBOUILLET CEDEX FRANCE

MADELEC AERO
ABBREVIATED COMPONENT MAINTENANCE MANUAL
350-001 360-001

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27-92-00

VCI 10001 PAGE 2
MAY 15/07

MADELEC AERO
ABBREVIATED COMPONENT MAINTENANCE MANUAL
350-001 360-001

PART NUMBER	AIRLINE STOCK NUMBER	FIG	ITEM	TTL REQ
DIN84A2M2-5X25		1	30	2

- ITEM NOT ILLUSTRATED

MADELEC AERO
ABBREVIATED COMPONENT MAINTENANCE MANUAL
350-001 360-001

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MADELEC AERO
ABBREVIATED COMPONENT MAINTENANCE MANUAL
350-001 360-001

PART NUMBER	AIRLINE STOCK NUMBER	FIG	ITEM	TTL REQ
350-001		1	- 1	RF
350-10011		1	10	1
350-10021		1	20	1
350-1030		1	40	1
360-001		1	- 1A	RF
360-10011		1	10A	1
360-10021		1	20A	1

- ITEM NOT ILLUSTRATED

MADELEC AERO
ABBREVIATED COMPONENT MAINTENANCE MANUAL
350-001 360-001

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27-92-00

NI/NUM 10001 PAGE 2
MAY 15/07

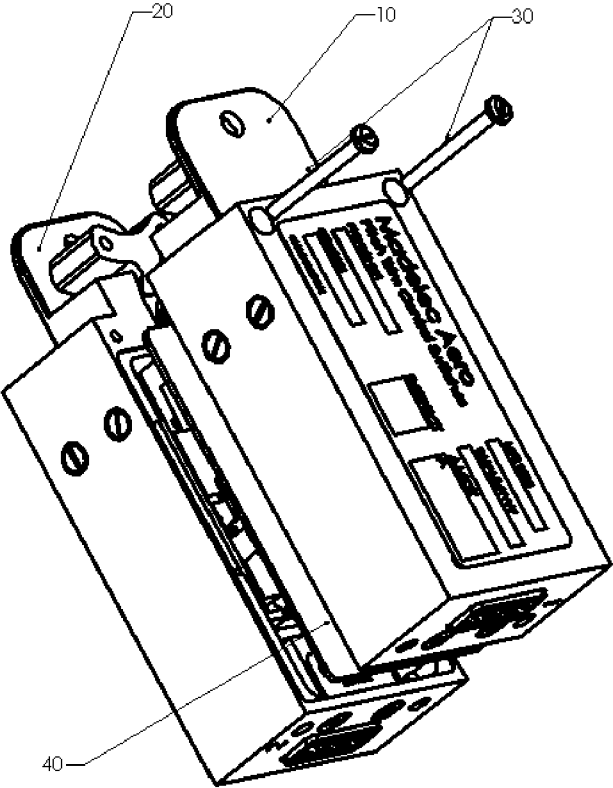
MADELEC AERO
ABBREVIATED COMPONENT MAINTENANCE MANUAL
350-001 360-001

DETAILED PARTS LIST

27-92-00

DPL 10001 PAGE 1
MAY 15/07

MADELEC AERO
ABBREVIATED COMPONENT MAINTENANCE MANUAL
350-001 360-001



SWITCHES, PITCH TRIM CONTROL
FIGURE 1/GRAPHIC-27-92-00-991-801-A01

27-92-00

PAGE 10001-0
MAY 15/07

MADELEC AERO
ABBREVIATED COMPONENT MAINTENANCE MANUAL
350-001 360-001

FIG.ITEM	PART NUMBER	AIRLINE STOCK NUMBER	NOMENCLATURE	USAGE CODE	UNITS PER ASSY
			1234567 		
1 - 1	350-001		SWITCHES,PITCH TRIM CONTROL	A	RF
- 1A	360-001		SWITCHES,PITCH TRIM CONTROL	B	RF
10	350-10011		.MAIN PART TYPE 1,EQUIPPED	A	1
10A	360-10011		.MAIN PART TYPE 1,EQUIPPED	B	1
20	350-10021		.MAIN PART TYPE 2,EQUIPPED	A	1
20A	360-10021		.MAIN PART TYPE 2,EQUIPPED	B	1
30	DIN84A2M2-5X25		.SCREW,MACHINE VD8286		2
40	350-1030		.COVER,INTERNAL		1

- ITEM NOT ILLUSTRATED

27-92-00

PAGE 10001- 1
MAY 15/07

MADELEC AERO
ABBREVIATED COMPONENT MAINTENANCE MANUAL
350-001 360-001

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27-92-00

PAGE 10001- 2
MAY 15/07