

SERVICE BULLETIN

AA-SB-27-007

Replacement of Control Grips

1. Planning Information

1.1 EFFECTIVITY

Alpha 160A, 160Ai and 120T Aircraft manufactured after 2005.

160A	160Ai	120T
160A-06001	160Ai-07007	120T-0001
160A-06002	160Ai-0008	120T-0002
160A-06003		
160A-06004		
160A-06005		
160A-07006		
160A-07008		
160A-07009		
160A-07010		
160A-07011		
160A-07012		
160A-07013		
160A-07014		
160A-0015		
160A-0016		
160A-0017		
160A-0018		
160A-0019		
160A-0020		
160A-0021		

1.2 CONCURRENT REQUIREMENTS

NIL

1.3 REASON

Alpha Aviation has been notified of Grip breakages which have occurred during aerobatic manoeuvres.

Alpha Aviation published Service Letter AA-SL-027-002 which introduces an inspection of the control column grips.

Service Bulletin AA-SB-27-007 supersedes the inspection criteria in AA-SL-027-002.

1.4 DESCRIPTION

CCG 1457 Grip is removed and replaced with part number 60-27-145-001 Grip which is reinforced. Replace the grip in accordance with the accomplishment instructions in section 3 of this bulletin.

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1.5 COMPLIANCE

On receipt of this service bulletin, within the next 50 flight hours.

Make a log book entry stating compliance with this service bulletin.

1.6 APPROVAL

By delegated authority (Alpha Aviation Concept Ltd, DO75992) COA AA/60/1150

1.7 WEIGHT AND BALANCE

No Change

1.8 REFERENCES

ALPHA R2000 Service Manual

1.9 OTHER PUBLICATIONS AFFECTED

NIL

2. Material Information

2.1 MATERIALS IDENTIFICATION

<u>Part Number</u>	<u>Description</u>	<u>Quantity</u>
60-27-145-001	Control Grip	2

2.2 CONSUMABLES

NIL

2.3 PUBLICATIONS AFFECTED

There are no changes required to current maintenance publications.

2.4 SPECIAL TOOLING

NIL



ALPHA AVIATION

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3. Accomplishment Instructions

3.1 REMOVAL

- (a) Remove the screw fastening the grip to the control stick.
- (b) Separate the grip from the stick leaving the switch wiring attached.
- (c) Remove the PPT red button (snaps off and on) from the switch and using an 8mm slim section socket remove the PTT switch fastening nut and washer.
- (d) Remove the grip.

3.2 INSTALLATION

- (a) Remove the fastening screw from the new 60-27-145-001 grip.
- (b) Insert the PTT switch into the 60-27-145-001 Grip, refit the nut and washer and tighten, refit the button
- (c) Install the grip onto the control stick, refit the fastening screw and tighten.
- (d) Test the PTT, to confirm the wiring has not been damaged or dislodged.

For price and availability contact:

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