

SECTION 9 SUPPLEMENTS

CONTENTS

- A. Wing Tip Smoke Generators Mod 337C aircraft
- B. Superseded by Supplement D
- C. Superseded by Supplement D
- D. Superseded by Supplement F
- E. Winterisation Kit Mod 693
- F. Structural Temperature Limitations – Mod 516 Addendum 1 & 2 (Works Numbers 2116, 2121) Aircraft
- G. Gel Type Battery RG24-11M - Mod 416A Aircraft

SUPPLEMENT E WINTERISATION KIT MOD 693

CONTENTS

- 9.E.1 Fitting procedure for winterisation kit.
- 9.E.2 Amendment to pre-flight checklist.

9.E.1 FITTING PROCEDURE FOR WINTERISATION KIT

When the ambient temperature falls below ISA -20°C (ie -5°C at sea level) both blanking plates should be fitted, beneath the lower cowling, to cover the air exit holes in accordance with Mod 693.

They must be removed again when the ambient temperature rises above ISA -15°C (0°C at sea level).

9.E.2 AMENDMENT TO PRE-FLIGHT CHECKLIST

When Mod 693 is embodied the Pre-flight checks, given in this Flight Manual (Section 2 para 3.1.2), must include the following.

"Ensure that winterisation blanking plates are not fitted to either of the two air exit holes beneath the lower cowling, if the ambient temperature exceeds ISA -15°C".

SUPPLEMENT F STRUCTURAL TEMPERATURE LIMITATIONS – MOD 516 ADDENDUM 1 & 2
(WORKS NUMBERS 2116, 2121) AIRCRAFT

NOTE:

This supplement replaces earlier Supplement F dated July 1997

CONTENTS

9.F.1 Revised Structural Temperature Limitations

9.F.1 REVISED STRUCTURAL TEMPERATURE LIMITATIONS

The temperatures given below override those given in the reference paragraph numbers in the relevant sections of this manual.

Section 2 Paragraph 2.5.5 Limitations for Aerobatics

Aerobatic manoeuvres with flaps extended are not permitted.

Tail Slides and Inverted Spins are not permitted.

'g' Limitation - struct temp below 42°C (Cat 'A')

Flaps up +6g -3g
 Flaps down +2g -1g

When structural temperature reaches 42°C (Cat 'U') or more DO NOT carry out aerobatics or impose loads which exceed:

Flaps up +4.4g -2g
 Flaps down +2g -1g

Flight prohibited above 45°C

Aerobatic manoeuvres - up to all up weight 975kg (2150 lb)

Entry Speeds (kts) (IAS)

Slow roll	110
Stall turn entry	110
Stall turn rotate	50
Loop	115
Roll off the top	125
Flick roll max	70
Spin	See Paragraph 3.7

Section 8 Paragraph 2.6.1 Instrument Markings

OAT/Structural Temperature Gauge

Structure temperature maximum	Red Line	45°C
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PILOTS NOTES
FIREFLY T67M-MkII

SUPPLEMENT G - GEL-TYPE BATTERY RG24-11M - MOD 416A AIRCRAFT

CONTENTS

9.G.1 Environmental restriction for Gel-Type Battery

9.G.1 ENVIRONMENTAL RESTRICTION FOR GEL-TYPE BATTERY

The installation of RG24-11M Gel-Type Battery is subject to the following environmental restriction:

Low Operating Temperature	-20°C (See note below)
High Operating Temperature	+55°C
Transient Temperature	+70°C

NOTE

If the aircraft battery has been subjected to temperatures lower than -20°C for more than 4 hrs with the aircraft parked on the ground, then the battery must be removed from the aircraft and slowly brought up to operational temperature shown above. Subject to the above procedures, flying of the aircraft at outside air temperatures lower than -20°C is permitted.

See also Operating Temperatures ref: 2.7.3.