

## (2) Miles M65 Gemini

UK National Airworthiness Directives previously published in CAP 476 – Mandatory Aircraft Modifications and Inspections Summary

**CAAAD No:** 2681 PRE 80

**Associated Material:** 153

**Description:** To improve the venting and draining of fuel tanks.

**Applicability – Compliance – Requirement:** -

**CAAAD No:** 2682 PRE 80

**Associated Material:** 240B

**Description:** To introduce an endless chain to operate the flap jack and an additional support.

**Applicability – Compliance – Requirement**

Complementary to Mod. No. 351. Not applicable to aircraft equipped with bucket type seats.

**CAAAD No:** 2683 PRE 80

**Associated Material:** 313

**Description:** To strengthen the lift flap bell crank levers.

**Applicability – Compliance – Requirement**

Essential only when Mod. No. 104 (to introduce a footstep into the flap) is embodied.

**CAAAD No:** 2684 PRE 80

**Associated Material:** 328

**Description:** Introduction of copper contacts in lieu of beryllium copper to prevent fusing of starter switch contacts.

**Applicability – Compliance – Requirement**

To be carried out in accordance with Handley Page (Reading) Limited, Service Instruction Gemini/15.

**CAAAD No:** 2685 PRE 80

**Associated Material:** 343

**Description:** Provision for positive locking of bolts at rear engine to the engine bearer.

**Applicability – Compliance – Requirement**

Not applicable to Mark 3A or 3B.

**CAAAD No:** 2686 PRE 80

**Associated Material:** 351

**Description:** To provide a guard on the flap control chain pulley under the front seats.

**Applicability – Compliance – Requirement**

Complementary to Mod. No. 240B. Not applicable to aircraft equipped with bucket type seats.

**CAAAD No:** 2687 PRE 80

**Associated Material:** 363

**Description:** To reinforce the rear windows.

Part A – To reinforce the windows.

Part B – To fit external metal frame.

**Applicability – Compliance – Requirement**

Essential for Part A or Part B only to be fitted.

**CAAAD No:** 2688 PRE 80

**Associated Material:** 368

**Description:** Part A – To provide a guard for the aileron torque shaft.

Part B – To fit leather sleeve.

**Applicability – Compliance – Requirement**

Essential for Part A or Part B only to be fitted.

**CAAAD No:** 2689 PRE 80

**Associated Material:** 405

**Description:** To prevent crossing of battery connections.

**Applicability – Compliance – Requirement:** -

**CAAAD No:** 2690 PRE 80

**Associated Material:** 432B

**Description:** To be carried out in accordance with Handley Page (Reading) Limited, Service Instruction Gemini/9.

**Applicability – Compliance – Requirement**

To reinforce the engine nacelle structure at the front support brackets.

**CAAAD No:** 2691 PRE 80

**Associated Material:** 434

**Description:** To reinforce the tailplane front false spar attachments to the tailplane root ribs.

**Applicability – Compliance – Requirement**

To be carried out in accordance with Handley Page (Reading) Limited, Service Instruction Gemini/10.

**CAAAD No:** 2692 PRE 80

**Associated Material:** 438

**Description:** To prevent fouling of operative cable attachment clamps on the starter switches.

**Applicability – Compliance – Requirement**

Supersedes Mod. No. 383. Not applicable when Mod. No. 358 (to reposition starter switches and move starter plug) is embodied.

**CAAAD No:** 2693 PRE 80

**Associated Material:** 446

**Description:** Introduction of modified engine mounting rear foot.

**Applicability – Compliance – Requirement**

To be carried out in accordance with Handley Page (Reading) Limited, Service Instruction Gemini/14. Not applicable to Mark 3A or 3B.

**CAAAD No:** 2694 PRE 80

**Associated Material:** 461

**Description:** Introduction of undercarriage retraction switches.

**Applicability – Compliance – Requirement:** -

**CAAAD No:** 2695 PRE 80

**Associated Material:** R and W 047

**Description:** Introduction of redesigned connecting bar on undercarriage switches.

**Applicability – Compliance – Requirement**

Western Manufacturing (Reading) Limited, Service Instruction Gemini/24 refers. Rotax D5506 Dual Pole Switch is an acceptable alternative.

**CAA AD No:** 2696 PRE 80

**Associated Material:** 462

**Description:** Introduction of starter isolation switch.

**Applicability – Compliance – Requirement:** -

**CAA AD No:** 2697 PRE 80

**Associated Material:** 465

**Description:** Replacement of plastic rudder bar parallel motion links by metal.

**Applicability – Compliance – Requirement**

To be carried out in accordance with Handley Page (Reading) Limited, Service Instruction Gemini/17.

**CAA AD No:** 2698 PRE 80

**Associated Material:** 467

**Description:** Drilling of fuel tank filler caps, and alterations to vent and drain pipes.

**Applicability – Compliance – Requirement**

To be carried out in accordance with Handley Page (Reading) Limited, Service Instruction Gemini/18.

**CAA AD No:** 2699 PRE 80

**Associated Material:** 476

**Description:** Introduction of six 1/4" diameter bolts (three each side of nacelle) in lieu of 2 BA bolts securing the rear nacelle/wing attachment brackets.

**Applicability – Compliance – Requirement**

To be carried out in accordance with Handley Page (Reading) Limited, Service Instruction Gemini/20.

**CAA AD No:** 2700 PRE 80

**Associated Material:** R & W 936

**Description:** Introduction of strengthened fork end to flap jacks.

**Applicability – Compliance – Requirement**

To be carried out in accordance with Western Manufacturing (Reading) Limited Service Instruction Gemini/23. Any one of the following approved modifications is acceptable:

Simpson's Aeroservices Mod. SA/M 20 – replacement for original faulty Acme thread fork ends.

Simpson's Aeroservices Mod. SA/M 21 – replacement for original faulty square thread fork ends.

**CAAAD No:** 2701 PRE 80

**Associated Material:** –

**Description:** Inspection and rework of the flap jack mounting (Part No. 3838262) on the rear face of Frame 7.

**Applicability – Compliance – Requirement**

To be carried out in accordance with Handley Page (Reading) Limited, Service Instruction Gemini/12.

**CAAAD No:** 2702 PRE 80

**Associated Material:** –

**Description:** Inspection of vent and drain connections on fuel tanks at periods of flying time not exceeding 150 hours.

**Applicability – Compliance – Requirement**

To be carried out in accordance with Handley Page (Reading) Limited, Service Instruction Gemini/19.

**CAAAD No:** 2703 PRE 80

**Associated Material:** –

**Description:** Inspection of rudder bar pedals to ensure correct assembly and prevent fouling.

**Applicability – Compliance – Requirement**

To be carried out in accordance with Handley Page (Reading) Limited, Service Instruction Gemini/21.

**CAAAD No:** 2704 PRE 80

**Associated Material:** –

**Description:** Inspection of Alleron Outer Hinge Bearing Housing.

**Applicability – Compliance – Requirement**

Western Manufacturing (Reading) Limited, Service Instruction Gemini/27 refers.

**CAAAD No:** 2705 PRE 80

**Associated Material:** Airworthiness Notice No. 82 (Now CAP 747, Section 2, Part 3, GR No. 4)

**Description:** Electrical Generation System – Warning of loss of generated electrical power.

**Applicability – Compliance – Requirement**

Compliance required as detailed in Airworthiness Notice.