

(2) Miles M65 Gemini

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

CAA AD No: 2681 PRE 80

Associated Material: 153

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

Applicability – Compliance – Requirement: -

CAA AD 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.

CAA AD 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.

CAA AD 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.

CAA AD 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.

CAA AD 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.

CAA AD 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.

CAA AD 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.

CAA AD No: 2689 PRE 80

Associated Material: 405

Description: To prevent crossing of battery connections.

Applicability – Compliance – Requirement: -

CAA AD 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.

CAA AD 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.

CAA AD 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.

CAA AD 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.

CAA AD No: 2694 PRE 80

Associated Material: 461

Description: Introduction of undercarriage retraction switches.

Applicability – Compliance – Requirement: -

CAA AD 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.

CAA AD 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.

CAA AD 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.

CAA AD 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.

CAA AD No: 2704 PRE 80

Associated Material: –

Description: Inspection of Aileron Outer Hinge Bearing Housing.

Applicability – Compliance – Requirement

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

CAA AD 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.