

AERO Design Ltd.

MAINTENANCE MANUAL SUPPLEMENT

MMS 40990

EUROCOPTER AS350/355 SERIES

VERTICAL REFERENCE WINDOW

Prepared by: S. Fahey

Reviewed by: E. Burgoin, P.Eng., DAR 290M

Revision 0

Date: 06 March, 2003

AERO Design Ltd.
Engineering Consultants

2013 – 39th Avenue N.E., Calgary, Alberta T2E 6R7

Phone: (403) 250-8027

Fax: (403) 250-8333

E-Mail: aerodesign@telusplanet.net

Notice: This report contains information and data which is proprietary to AERO DESIGN LTD. This report, or any portion thereof, may not be reproduced, copied, duplicated or used without the written consent of AERO DESIGN LTD.

1.0 INTRODUCTION

The Vertical Reference Window allows the pilot to observe cargo suspended below the helicopter from the right-hand seat. A window is installed in the floor between the pilot's seat and the door, and a second window is installed in the belly cowling.

2.0 REFERENCE

Eurocopter AS350 Master Servicing Recommendations Manual

Eurocopter AS350 Structural Repair Manual

Eurocopter AS350 Standard Practices Manual

Eurocopter AS350 Maintenance Manual

Vertical Reference Window Installation Drawings 40901, 40902 and/or 40910

3.0 DAILY INSPECTIONS

3.1 Before First Flight of the Day

1. Check security of window in forward lower cowling.
2. Check cleanliness of window in cockpit floor.

4.0 100 HOUR INSPECTION

Remove forward lower cowling in accordance with Eurocopter AS350 Maintenance Manual, Section 53.00.00, page 40501. Inspect cowling and window for cracks, wear, or damage obstructing the pilot's view.

In cockpit, inspect floor window for cracks, wear, or damage obstructing the pilot's view. Check security of fasteners in window retainer and cover plate.

4.1 Windows

Replace any damaged plexiglass windows (upper and lower).

4.2 Lower cowling

Repair any damaged honeycomb structure in accordance with Eurocopter AS350 Standard Practices Manual, Section 20.03.06 to 07.

4.3 Cabin Floor

Repair any damage in cabin floor in accordance with Eurocopter AS350 Structural Repair and Standard Practices Manuals.

4.4 Cabin Floor Window Retainers

Replace any damaged aluminum window retainers (upper and lower).

4.5 Cabin Floor Window Cover

Repair damaged window cover plate in accordance with Eurocopter AS350 Standard Practices Manual.