

ROTAX

SERVICE INFORMATION

FOR ROTAX AIRCRAFT ENGINES

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KODIAK RESEARCH LTD. NASSAU, BAHAMAS

CLARIFICATION OF:

SERVICE INFORMATION 1 UL 95-E/REV.1

(3 KUL 95, ISSUED OCT.1995)

(A) INTRODUCTION

THIS INFORMATION IS INTENDED TO ASSIST THE AIRCRAFT DESIGNER, MANUFACTURER AND BUILDER TO ACHIEVE CORRECT OPERATING CONDITIONS AND ASSEMBLY FOR THE ENGINE AND CONSEQUENTLY OPTIMUM PERFORMANCE AND RELIABILITY.

(B) TECHNICAL DATA AND GENERAL INFORMATION

IN ADDITION TO THIS SERVICE INFORMATION PLEASE REFER TO:
- SERVICE INFORMATION 1 UL 95-E/REV.1 (APPLIES TO ALL 912 "UL" SERIES ENGINES)

SUBJECT:

CLARIFICATION OF SERVICE INFORMATION REGARDING IMPROVEMENT OF IGNITION AND SHORTING CABLE SHIELDING, AS WELL AS NEW STYLE ELECTRONIC MODULE 965-358 WITH INTEGRATED SCREENING FOR IMPROVED ELECTROMAGNETIC INTERFERENCE (E.M.I.) PROTECTION.

ENGINES AFFECTED:

ALL ROTAX 912 "UL" ENGINES WHICH FALL WITHIN THE SERIAL NUMBERS LISTED IN THE COMPLIANCE SECTION OF THIS SERVICE INFORMATION.

REASON:

ENGINES SUCH AS THE ROTAX 912 "A" AND "F" SERIES WHICH ARE INSTALLED IN AIRCRAFT CERTIFIED TO A JAR-VLA OR EQUIVALENT OR HIGHER STANDARD, REQUIRE ADDITIONAL E.M.I. PROTECTION.

THIS REQUIREMENT HAS EVOLVED INTO IMPROVEMENTS IN THE DESIGN OF THE ELECTRONIC MODULE 965-356 TO THE NEW STYLE MODULE WITH INTEGRATED SCREENING 965-358.

THIS IMPROVEMENT MAY ALSO BE APPLIED TO THE NON-CERTIFIED ENGINES, AT THE OWNER/OPERATORS OR MANUFACTURERS OWN DISCRETION, IF NOT ALREADY MADE MANDATORY BY THE LISTED SERVICE INFORMATION OR TECHNICAL BULLETINS.

COMPLIANCE:

ALL ROTAX 912 "UL" SERIES ENGINES BEGINNING WITH SERIAL NO:4,005.300 ONWARDS, MUST MEET COMPLIANCE TO SERVICE INFORMATION 1 UL 95-E/REV.1.

REMEDY:

VERIFY COMPLIANCE OF YOUR ENGINE WITH THE APPROPRIATE SERVICE INFORMATION AS LISTED.

FOR ENGINES INSTALLED IN NON-CERTIFIED AIRCRAFT, COMPARE YOUR INSTALLATION AGAINST THE APPROPRIATE STANDARDS REQUIRED FOR E.M.I. PROTECTION IN CERTIFIED AIRCRAFT AND DECIDE AS TO WHAT LEVEL OF ADDITIONAL REQUIREMENT AND COMPLIANCE YOU WANT TO MEET. IF THIS INFORMATION IS DIFFICULT TO ASCERTAIN, AND YOU WISH TO ACHIEVE THE HIGHER LEVEL OF REQUIREMENT AND PROTECTION, INSTALL THE NEW STYLE ELECTRONIC MODULE 965-358 WITH INTEGRATED SCREENING.

ACCOMPLISHMENT:

THE NECESSARY MEASURES TO BE TAKEN AND CONFIRMED BY THE AIRCRAFT BUILDER/OPERATOR MANUFACTURER.

SUMMARY:

THIS IS A SERVICE TIP, NO WARRANTY APPLIES!

DANGER!

FAILURE TO COMPLY WITH THIS RECOMMENDATION COULD RESULT IN ENGINE STOPPAGE AND PERSONAL INJURY AND DEATH!