



SCHWEIZER SERVICE BULLETIN

B-233
10 Feb 1992

MANDATORY

MANDATORY

MANDATORY

SUBJECT: ONE TIME INSPECTION - ENGINE OIL COOLER

MODELS AFFECTED: Model 269C Helicopters, serial numbers 0001 through 1473, 1475, 1476 and 1478 equipped with Stewart-Warner oil cooler model number 10655A

TIME OF COMPLIANCE: Part I Prior to next flight

Part II Shall be accomplished prior to next flight if required by Part I, or within next 25 hours time in service

PREFACE: Field reports indicate that the elbow fitting on the Stewart-Warner oil cooler model 10655A may be improperly installed.

Part I Requires a visual inspection for oil leaks.

Part II Provides instructions for a physical inspection of elbow fitting.

Failure to comply with this Service Bulletin may lead to loss of control of the helicopter and subsequent injury or death.

PARTS REQUIRED

<u>Nomenclature</u>	<u>Part Number</u>	<u>Quantity</u>	<u>Source</u>
Elbow	AN833-6D	1 (A/R)	Commercial
Jam nut	AN924-6D	1 (A/R)	Commercial
O-ring	MS29512-6	1	Commercial

PROCEDURE:

PART I VISUAL INSPECTION

- a. Inspect oil cooler and elbow fitting for oil leakage.
- b. If oil leakage is found, comply with Part II prior to next flight.
- c. If no leakage found, comply with Part II within next 25 hours time in service.

PART II PHYSICAL INSPECTION

- a. Remove oil line from the oil cooler elbow fitting, and remove elbow fitting from oil cooler.
- b. Inspect elbow fitting and jam nut for damaged threads, cracks, cuts, etc..

- (1) Replace O-ring. Replace elbow fitting or jam nut as required.
- c. Install jam nut and O-ring on the elbow fitting.

CAUTION

When installing elbow fitting into oil cooler, ensure O-ring is in recess area between threaded sections.

- d. Install elbow fitting into oil cooler. Tighten jam nut against oil cooler.
- e. Install oil line to elbow fitting.
- f. Start and warm up engine until oil temperature gage indicates operating temperature.
- g. Inspect oil cooler elbow fitting for oil leakage.
- h. Record compliance with this Service Bulletin in the aircraft records.

WEIGHT AND BALANCE

Weight and balance are not affected.