

OIL CONSUMPTION CHECKS

Introduction

1. Following investigations into bearing and lubrication failures in Nene Engines it was found that on long travel flights involving intermediate landings the oil contained in the sump had been lowered to a dangerous level.

Instruction

2. The sump capacity is 11 pints, but it should be noted that a minimum of 5 pints is necessary for oil circulation. Topping up intervals must be adjusted for engines showing evidence of above average oil consumption.

The normal oil consumption for Nene Engines is 1 pint per hour and maximum allowed oil consumption is $1\frac{1}{2}$ pints per hour. The maximum oil consumption given is acceptable provided the necessary topping up and inspection of filters is observed.

3. The topping up intervals and quantity of oil required are to be annotated in Current and Travel copies of Forms E/E 77.

References : Files, Department of Air, 69/35/6 and 150/8/1682

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