

**HUGHES  
SERVICE INFORMATION  
LETTER**

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TO—All owners and operators of Hughes Helicopters

SUBJECT: PERIODIC INSPECTION OF PARTICLE SEPARATOR KIT INSTALLATION;  
REMOVAL OF OUTLET SCREEN DURING COLD WEATHER OPERATIONS

MODELS AFFECTED: All 500 Model 369H Series Helicopters equipped with  
PN 369H90148 Engine Air Particle Separator Filter  
Installation Kit

Reference

Hughes Form 1038, "100-Hour Inspection Check Sheet," Revised April 1975  
500 Series — Basic HMI, Issued 1 October 1972; Revision No. 6, 1 November 1976  
500 Series — HMI Appendix A, Issued 1 October 1972; Revision No. 4, 15 Dec 1975  
500 Series — HMI Appendix B, Issued 1 October 1972; Revision No. 6, 1 August 1976

Removal of the particle separator filter assembly when performing the 100-hour inspection, as specified on the Hughes Form 1038, "100-Hour Inspection Check Sheet," will no longer be required. The form will be revised at the next printing to reflect a visual check only of the particle separator filter assembly at this inspection interval.

It is to be noted that physical removal of the filter assembly is required during the Annual or 300-Hour Periodic Inspection of the particle separator, as specified in the HMI Appendix B.

Field reports indicate that when operating in cold climates, there may be a tendency of ice forming on the 369A8407 outlet screen and affecting the operation of the particle separator. It is recommended that this screen, located between the particle separator outlet duct and the inboard side of the engine air inlet aft fairing, be removed during the winter season. With the screen removed, a daily inspection is to be made for foreign objects in the outlet duct, between the opening in the fairing and the particle separator injector tubes.



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