



**HUGHES  
SERVICE INFORMATION  
LETTER**

LETTER NO. L-11  
DATE December 1, 1966  
PAGE 1 OF 2

TO—All owners and operators of Hughes Helicopters

SUBJECT: INTAKE PIPE REPLACEMENT PER AVCO - LYCOMING  
DIVISION SERVICE INSTRUCTION NO. 1162, DATED  
SEPTEMBER 16, 1966.

MODELS AFFECTED: All 269A-2 and 269B Helicopters unless previously  
modified.

Your attention is directed to the subject Lycoming data reprinted as a part  
of this Service Information Letter. The information given defines an improved  
intake pipe configuration which gives better engine performance.

The manufacturer recommends that owners and operators take advantage of  
this improvement at their earliest convenience.



# Service Instruction

LYCOMING DIVISION  
WILLIAMSPORT, PA. 17701



DATE: September 16, 1966 Service Instruction No. 1162  
Approved by FAA

SUBJECT: Intake Pipe Replacement

MODELS AFFECTED: HIO-360-A, -C series engines

TIME OF COMPLIANCE: At overhaul or earlier at owner's discretion

It has been found that the tuned induction system on the HIO-360-A and -C series engines is improved when the intake pipes are reduced in length. This change in the induction system delivers better engine performance including a slight increase in power. Consequently, it is recommended that the shorter intake pipes be installed. However, since the induction system is tuned, all four intake pipes must be replaced; intake pipes may not be mixed on the same engine.

Replace intake pipes as follows:

Long Intake Pipe	Cylinder No.	Short Intake Pipe
74181	1	75931
74182	2	75932
74183	3	75933
74184	4	75934