



AVIATION TECHNICAL BULLETIN

Champion Spark Plug Company

P. O. BOX 910, TOLEDO, OHIO 43601

May 1, 1969

NO. 69-7

ROUTE TO	
SERVICE MANAGER	
SALES MANAGER	
BULLETIN BOARD	

AGF2-5 IGNITER LIFE -- PT6 ENGINE

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Some operators of the PT6 engine and Champion's AGF2-5 glow plug have reported igniter service life in excess of 1000 hours, others as little as 30-50 hours. In all instances, however, the AGF2-5 has shown excellent starting characteristics.

Field experience indicates that reduced life will be caused by one or more of the following factors:

1. Extended functional check of igniter on ground with no air flow
2. Continuous ignition during icing conditions
3. Auto relight switch armed during low power operations
4. Increased current output of new ballast tubes (P & W, S.B. No. 199).

Champion is working diligently to increase the service life under these increasingly adverse operating conditions. Naturally, retention of superior starting characteristics is also a prime consideration.

It is too early to predict or announce an availability date of the improved igniter. However, we suggest that you continue to watch these bulletins for this and similar information of importance to you and your customers.
