## COMMONWEALTH OF AUSTRALIA CIVIL AVIATION SAFETY AUTHORITY SCHEDULE OF AIRWORTHINESS DIRECTIVES

## AlliedSignal (Lycoming) Turbine Engines - ALF502 and LF507 Series

AD/ALF/4	Compressor Vanes, Turbine Blades and 1/86 Turbine Nozzle - Inspection and Replacement
Applicability:	Lycoming Turbo Fan Engine Models ALF 502-L/L2 and ALF 502-R3/R4.
Document:	1. Avco Lycoming SB ALF 502-72-0012, Rev. 2.
	2. Avco Lycoming SB ALF 502-72-0025, Rev. 1.
	3. Avco Lycoming SBALF 502-72-0027.
	4. Avco Lycoming SBALF 502-72-0021; or
	5. AD/LYC-T/21.
	Note: FAA AD 82-25-10 Amendment 39-4511 refers.
Compliance:	In accordance with requirement documents.
Background:	There have been reports of engine failures and loss of power on ALF 502-L/L2 engines caused by separation of first stage compressor vane airfoils and fourth stage turbine blades in addition there has been a non contained fourth stage turbine blade failure.