
From: jeffrey E. <jeevacation@gmail.com>
Sent: Sunday, June 28, 2015 9:52 AM
To: lvjet
Subject: ram air duct door. ? the adc controls valves. bad adc?? ??!

ACM and rotates in consonance with them. It provides cooling air flow across the primary and secondary heat exchanges whenever=the air

conditioning unit is in operation. Air for cooling is deliv=red through the dorsal fin ram air inlet

inflight and through that =nlet plus a flapper door in the refrigeration unit ducting on the

g=ound. All air is then ported overboard. The cooling fan cannot be individu=llly controlled.

MAINTENANCE MANUAL

Included in the Environme=tal Control System (ECS) are two ACM bypass shut-off valves and ass=ciated ducting. The ACM bypass shut-off valves are 1.5 inch nominal diamet=r valves which allow airflow around the turbine section of the ACM =henever open. The unit receives its signals from the air data compu=er which opens valves at an altitude of 42,000 feet or greater and =loses valves at an altitude of 40,000 feet or less. The valve is spring-lo=ded to close in event of failure. The valve contains a

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=A0 please note

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