

Instruments and Automatic Pilots

AD/INST/31 Airborne Vacuum Pumps - Removal from Service 3/86

Applicability:	AIRBORNE PART NUMBER	SERIAL NUMBERS
	Dry Air Pumps	
	214CC-13	10AA30 to 10AA36 and 10AA38
	242CW	10AA281 to 10AA293
	441CC	9AA260 to 9AA288 9AA291, 9AA294, 9AA295
	441CC-7	9AA929 to 9AA-949 9AA953, 9AA954 9AA956, 9AA957, 9AA959
	442CW	9AA850 to 9AA875 9AA880 to 9AA886, 9AA888 to 9AA903, 9AA905 to 9AA921, 9AA928, 9AA934, 9AA936 9AA939, 9AA940, 9AA945 to 9AA952, 9AA955 to 9AA958, 9AA962 to 9AA967
	442CW-4	10AA173 to 10AA179 10AA182 to 10AA199 10AA201, 10AA202
	442CW-12	10AA356, 10AA357, 10AA386, 10AA389
	Auxiliary Dry Air Pumps	
	4A2-1	9AA44 to 9AA46
	4A3-1	9AA56, 9AA59 to 9AA66, 9AA73, 9AA79 to 9AA82 10AA83 to 10AA88, 10AA90 to 10AA94, 10AA96, 10AA114, 10AA126, 10AA130, 10AA131, 10AA132, 10AA138, 10AA150, 10AA154, 10AA155, 10AA159, 10AA161

The above listed pumps were not available for installation before 1 September 1985. Therefore, new Airborne Dry Air Pumps or Auxiliary Dry Air Pumps installed prior to that date are exempt from this AD. Pumps that have been reworked by Airborne will have a white date code stamped on the pump housing near the discharge port. This will indicate that the pump complies with this directive.

Requirement: Replace any of the above mentioned Dry Air Pumps in service ensuring that the replacement has been reworked as applicable.

Note: FAA AD 86-01-06 and Airborne Service Letter No 30 refer.

Compliance: Prior to the issue of the next Maintenance Release after 31 March 1986.

SCHEDULE OF AIRWORTHINESS DIRECTIVES

Background: The drive shafts of listed pumps may not have been correctly brazed during manufacture, and could therefore have a very short operational life.