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Service Bulletin No. SB-AG-001
August 25, 1977

SUBJECT: CONVERSION OF MODEL PT6/S-2R FROM THE PT6A-34 ENGINE TO THE PT6A-34AG ENGINE

MODELS AFFECTED:

SERIAL NUMBERS AFFECTED

	<u>KIT</u>	<u>ENGINE</u>	<u>AIRFRAME</u>
Rockwell Commander S2R	1	56046	1712R
with United Aircraft of	3	56166	1873R
Canada PT 6A-34 engine	4	56186	5003R
	5	56218	5062R
	6	56187	5057R
	7	56228	1877R
	8	56240	1876R
	9	56229	1872R
	10	56219	5058R
	11	56248	2185R
	12	56250	5071R
	13	56247	5065R
	14	56265	2033R
	15	56288	1926R
	16	56284	1949R
	17*	56289	5073R
	18*	56302	5072R
	19*	56303	2256R
	20*	56308	5074R
	21*	56315	5075R
	22*	56316	5076R
	23*	56309	2260R

REFERENCE: Pratt and Whitney of Canada Service Bulletin No. 1252.

COMPLIANCE TIME: At the next regularly scheduled inspection interval, not to exceed the next 300 hours of operation.

PURPOSE: To provide instructions for conversion of early Model PT6/S-2R aircraft from the PT6A-34 engine to the PT6A-34AG engine with diesel fuel approval.

FAA APPROVED

INSTRUCTIONS:

1. Comply with Pratt and Whitney SB 1252. (See Attachment 1).
2. Install airframe wiring for Compressor Delivery Air Line Heater (P-3 Line Heater). Refer to Attachment 2.
3. Install placards in accordance with Attachment 3.
4. Make a Log Book entry certifying compliance with this Service Bulletin. Complete and return the Compliance Card to AYRES CORPORATION.
5. Replace the original FAA Airplane Flight Manual, dated 07-23-76, with the revised AFM dated 08-29-77.

MATERIAL REQUIRED:

1. Material specified on SB 1252
2. Material listed on the attached P3 heater wiring instructions. (Attachment 2)
3. The placards listed on Attachment 3.
4. Revised Airplane Flight Manual, Dated 08-29-77.
5. Compliance Card.

AVAILABILITY OF PARTS: AYRES Corporation Parts Department, Albany, Georgia.

*NOTE:

Kits 17 through 23 conform to Pratt and Whitney Service Bulletin No. 1252 and were equipped with P-3 line heater wiring at the time of delivery of the converted Model PT6/S-2R by AYRES Corporation. Therefore, for Kits 17 through 23, compliance with this Service Bulletin only requires accomplishment of Steps 3, 4 and 5 of the instructions listed above.