



TYPE-CERTIFICATE DATA SHEET FOR NOISE

No. EASA.A.084

for

ATR 42 / ATR 72

Type Certificate Holder:

ATR-GIE Avions de Transport Regional

1, Allée Pierre Nadot

31712 Blagnac Cedex

France

For models:

ATR 42-200	ATR 72-101
ATR 42-300	ATR 72-102
ATR 42-320	ATR 72-201
ATR 42-400	ATR 72-202
ATR 42-500	ATR 72-211
	ATR 72-212
	ATR 72-212A



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Type Certificate Holder¹ **ATR-GIE Avions de Transport Regional** Aircraft Type Designation¹ **ATR 42-200**

Engine Manufacturer¹ **Pratt & Whitney Canada Corp.** Engine Type Designation¹ **PW120**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels¹ **None**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment **Edition 8 / Amendment 12** Chapter¹ **14**

EASA Record No.	Propeller Manufacturer ¹	Propeller Type Designation ¹	Maximum Mass		Lateral / Full Power EPNL		Flyover EPNL		Approach EPNL		See Note
			Take-off ¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	
B1169	Hamilton Sundstrand	14SF-5	15,750	15,500	84.6	94.0	75.5	89.0	97.0	98.0	-

¹ See Note 1.



Type Certificate Holder¹ **ATR-GIE Avions de Transport Regional**

Aircraft Type Designation¹ **ATR 42-200**

Engine Manufacturer¹ **Pratt & Whitney Canada Corp.**

Engine Type Designation¹ **PW121**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels¹

1822 (Engines derated to 2000 SHP (PW120 power settings))

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment **Edition 8 / Amendment 12** Chapter¹ **14**

EASA Record No.	Propeller Manufacturer ¹	Propeller Type Designation ¹	Maximum Mass		Lateral / Full Power EPNL		Flyover EPNL		Approach EPNL		See Note
			Take-off ¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	
B1216	Hamilton Sundstrand	14SF-5	15,750	15,500	84.6	94.0	75.5	89.0	97.0	98.0	-

¹ See Note 1.



Type Certificate Holder¹ **ATR-GIE Avions de Transport Regional** Aircraft Type Designation¹ **ATR 42-300**

Engine Manufacturer¹ **Pratt & Whitney Canada Corp.** Engine Type Designation¹ **PW120**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels¹ **None**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment **Edition 8 / Amendment 12** Chapter¹ **14**

EASA Record No.	Propeller Manufacturer ¹	Propeller Type Designation ¹	Maximum Mass		Lateral / Full Power EPNL		Flyover EPNL		Approach EPNL		See Note
			Take-off ¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	
B1172	Hamilton Sundstrand	14SF-5	16,900	16,400	84.5	94.0	77.1	89.0	96.8	98.0	-
B1171	Hamilton Sundstrand	14SF-5	16,700	16,400	84.5	94.0	76.8	89.0	96.8	98.0	-
B1170	Hamilton Sundstrand	14SF-5	16,150	16,000	84.6	94.0	76.1	89.0	96.9	98.0	-

¹ See Note 1.



Type Certificate Holder¹ **ATR-GIE Avions de Transport Regional** Aircraft Type Designation¹ **ATR 42-300**

Engine Manufacturer¹ **Pratt & Whitney Canada Corp.** Engine Type Designation¹ **PW121**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels¹ **1822 (Engines derated to 2000 SHP (PW120 power settings))**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment **Edition 8 / Amendment 12** Chapter¹ **14**

EASA Record No.	Propeller Manufacturer ¹	Propeller Type Designation ¹	Maximum Mass		Lateral / Full Power EPNL		Flyover EPNL		Approach EPNL		See Note
			Take-off ¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	
B1288	Hamilton Sundstrand	14SF-5	16,900	16,400	84.5	94.0	77.1	89.0	96.8	98.0	-
B1287	Hamilton Sundstrand	14SF-5	16,700	16,400	84.5	94.0	76.8	89.0	96.8	98.0	-
B1286	Hamilton Sundstrand	14SF-5	16,150	16,000	84.6	94.0	76.1	89.0	96.9	98.0	-

¹ See Note 1.



Type Certificate Holder¹ **ATR-GIE Avions de Transport Regional** Aircraft Type Designation¹ **ATR 42-320**

Engine Manufacturer¹ **Pratt & Whitney Canada Corp.** Engine Type Designation¹ **PW121**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels¹ **None**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment **Edition 8 / Amendment 12** Chapter¹ **14**

EASA Record No.	Propeller Manufacturer ¹	Propeller Type Designation ¹	Maximum Mass		Lateral / Full Power EPNL		Flyover EPNL		Approach EPNL		See Note
			Take-off ¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	
B1177	Hamilton Sundstrand	14SF-5	16,900	16,400	84.9	94.0	76.5	89.0	96.8	98.0	-
B1176	Hamilton Sundstrand	14SF-5	16,700	16,400	84.9	94.0	76.3	89.0	96.8	98.0	-
B1175	Hamilton Sundstrand	14SF-5	16,150	16,000	85.0	94.0	75.6	89.0	96.9	98.0	-

¹ See Note 1.



Type Certificate Holder¹ **ATR-GIE Avions de Transport Regional** Aircraft Type Designation¹ **ATR 42-400**

Engine Manufacturer¹ **Pratt & Whitney Canada Corp.** Engine Type Designation¹ **PW121A**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels¹ **4618 (Hole obstruction of the main landing gear axle)**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment Chapter¹ **3**

EASA Record No.	Propeller Manufacturer ¹	Propeller Type Designation ¹	Maximum Mass		Lateral / Full Power EPNL		Flyover EPNL		Approach EPNL		See Note
			Take-off ¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	
B127	Hamilton Sundstrand	568F-1	17,900	17,600	80.9	94.0	77.2	89.0	93.1	98.0	-

¹ See Note 1.



Type Certificate Holder¹ **ATR-GIE Avions de Transport Regional** Aircraft Type Designation¹ **ATR 42-500**

Engine Manufacturer¹ **Pratt & Whitney Canada Corp.** Engine Type Designation¹ **PW127E**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels¹ **4540 (Deletion of the flap vanes)**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment **Edition 8 / Amendment 12** Chapter¹ **14**

EASA Record No.	Propeller Manufacturer ¹	Propeller Type Designation ¹	Maximum Mass		Lateral / Full Power EPNL		Flyover EPNL		Approach EPNL		See Note
			Take-off ¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	
B1180	Hamilton Sundstrand	568F-1	18,600	18,300	80.6	94.0	76.6	89.0	92.4	98.0	2

¹ See Note 1.



Type Certificate Holder¹ **ATR-GIE Avions de Transport Regional** Aircraft Type Designation¹ **ATR 42-500**

Engine Manufacturer¹ **Pratt & Whitney Canada Corp.** Engine Type Designation¹ **PW127E**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels¹ **None**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment Chapter¹ **3**

EASA Record No.	Propeller Manufacturer ¹	Propeller Type Designation ¹	Maximum Mass		Lateral / Full Power EPNL		Flyover EPNL		Approach EPNL		See Note
			Take-off ¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	
B131	Hamilton Sundstrand	568F-1	18,600	18,300	80.7	94.0	76.6	89.0	92.4	98.0	2

¹ See Note 1.



Type Certificate Holder¹ **ATR-GIE Avions de Transport Regional** Aircraft Type Designation¹ **ATR 42-500**

Engine Manufacturer¹ **Pratt & Whitney Canada Corp.** Engine Type Designation¹ **PW127E and PW127F**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels¹ **4540 (Deletion of the flap vanes), Engine: Engine intermix**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment **Edition 8 / Amendment 12** Chapter¹ **14**

EASA Record No.	Propeller Manufacturer ¹	Propeller Type Designation ¹	Maximum Mass		Lateral / Full Power EPNL		Flyover EPNL		Approach EPNL		See Note
			Take-off ¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	
B1283	Hamilton Sundstrand	568F-1	18,600	18,300	80.6	94.0	76.6	89.0	92.4	98.0	2

¹ See Note 1.



Type Certificate Holder¹ **ATR-GIE Avions de Transport Regional** Aircraft Type Designation¹ **ATR 42-500**

Engine Manufacturer¹ **Pratt & Whitney Canada Corp.** Engine Type Designation¹ **PW127E and PW127M**

Additional modifications essential to meet the requirements or needed to attain the certified noise levels¹ **4540 (Deletion of the flap vanes), Engine: Engine intermix**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment **Edition 8 / Amendment 12** Chapter¹ **14**

EASA Record No.	Propeller Manufacturer ¹	Propeller Type Designation ¹	Maximum Mass		Lateral / Full Power EPNL		Flyover EPNL		Approach EPNL		See Note
			Take-off ¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	
B1357	Hamilton Sundstrand	568F-1	18,600	18,300	80.6	94.0	76.6	89.0	92.4	98.0	2

¹ See Note 1.



Type Certificate Holder¹ **ATR-GIE Avions de Transport Regional** Aircraft Type Designation¹ **ATR 42-500**

Engine Manufacturer¹ **Pratt & Whitney Canada Corp.** Engine Type Designation¹ **PW127F**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels¹ **4540 (Deletion of the flap vanes)**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment **Edition 8 / Amendment 12** Chapter¹ **14**

EASA Record No.	Propeller Manufacturer ¹	Propeller Type Designation ¹	Maximum Mass		Lateral / Full Power EPNL		Flyover EPNL		Approach EPNL		See Note
			Take-off ¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	
B1183	Hamilton Sundstrand	568F-1	18,600	18,300	80.6	94.0	76.6	89.0	92.4	98.0	2

¹ See Note 1.



Type Certificate Holder¹ **ATR-GIE Avions de Transport Regional** Aircraft Type Designation¹ **ATR 42-500**

Engine Manufacturer¹ **Pratt & Whitney Canada Corp.** Engine Type Designation¹ **PW127F**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels¹ **None**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment Chapter¹ **3**

EASA Record No.	Propeller Manufacturer ¹	Propeller Type Designation ¹	Maximum Mass		Lateral / Full Power EPNL		Flyover EPNL		Approach EPNL		See Note
			Take-off ¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	
B1226	Hamilton Sundstrand	568F-1	18,600	18,300	80.7	94.0	76.6	89.0	92.4	98.0	2

¹ See Note 1.



Type Certificate Holder¹ **ATR-GIE Avions de Transport Regional** Aircraft Type Designation¹ **ATR 42-500**

Engine Manufacturer¹ **Pratt & Whitney Canada Corp.** Engine Type Designation¹ **PW127M**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels¹ **4540 (Deletion of the flap vanes)**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment **Edition 8 / Amendment 12** Chapter¹ **14**

EASA Record No.	Propeller Manufacturer ¹	Propeller Type Designation ¹	Maximum Mass		Lateral / Full Power EPNL		Flyover EPNL		Approach EPNL		See Note
			Take-off ¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	
B1186	Hamilton Sundstrand	568F-1	18,600	18,300	80.6	94.0	76.6	89.0	92.4	98.0	2

¹ See Note 1.



Type Certificate Holder¹ **ATR-GIE Avions de Transport Regional** Aircraft Type Designation¹ **ATR 42-500**

Engine Manufacturer¹ **Pratt & Whitney Canada Corp.** Engine Type Designation¹ **PW127M**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels¹ **None**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment Chapter¹ **3**

EASA Record No.	Propeller Manufacturer ¹	Propeller Type Designation ¹	Maximum Mass		Lateral / Full Power EPNL		Flyover EPNL		Approach EPNL		See Note
			Take-off ¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	
B1091	Hamilton Sundstrand	568F-1	18,600	18,300	80.7	94.0	76.6	89.0	92.4	98.0	2

¹ See Note 1.



Type Certificate Holder¹ **ATR-GIE Avions de Transport Regional** Aircraft Type Designation¹ **ATR 42-500**

Engine Manufacturer¹ **Pratt & Whitney Canada Corp.** Engine Type Designation¹ **PW127XT-M**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels¹ **None**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment **Edition 8 / Amendment 13** Chapter¹ **14**

EASA Record No.	Propeller Manufacturer ¹	Propeller Type Designation ¹	Maximum Mass		Lateral / Full Power EPNL		Flyover EPNL		Approach EPNL		See Note
			Take-off ¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	
B1403	Hamilton Sundstrand	568F-1	18,600	18,300	80.9	94.0	77.8	89.0	94.2	98.0	-

¹ See Note 1.



Type Certificate Holder¹ **ATR-GIE Avions de Transport Regional** Aircraft Type Designation¹ **ATR 72-101**

Engine Manufacturer¹ **Pratt & Whitney Canada Corp.** Engine Type Designation¹ **PW124B**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels¹ **None**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment Chapter¹ **4**

EASA Record No.	Propeller Manufacturer ¹	Propeller Type Designation ¹	Maximum Mass		Lateral / Full Power EPNL		Flyover EPNL		Approach EPNL		See Note
			Take-off ¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	
B1188	Hamilton Sundstrand	14SF-11	19,990	19,900	86.3	94.0	85.7	89.0	94.4	98.0	2

¹ See Note 1.



Type Certificate Holder¹ **ATR-GIE Avions de Transport Regional** Aircraft Type Designation¹ **ATR 72-102**

Engine Manufacturer¹ **Pratt & Whitney Canada Corp.** Engine Type Designation¹ **PW124B**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels¹ **None**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment Chapter¹ **4**

EASA Record No.	Propeller Manufacturer ¹	Propeller Type Designation ¹	Maximum Mass		Lateral / Full Power EPNL		Flyover EPNL		Approach EPNL		See Note
			Take-off ¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	
B1189	Hamilton Sundstrand	14SF-11	19,990	19,900	86.3	94.0	85.7	89.0	94.4	98.0	2

¹ See Note 1.



Type Certificate Holder¹ **ATR-GIE Avions de Transport Regional** Aircraft Type Designation¹ **ATR 72-201**

Engine Manufacturer¹ **Pratt & Whitney Canada Corp.** Engine Type Designation¹ **PW124B**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels¹ **None**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment Chapter¹ **4**

EASA Record No.	Propeller Manufacturer ¹	Propeller Type Designation ¹	Maximum Mass		Lateral / Full Power EPNL		Flyover EPNL		Approach EPNL		See Note
			Take-off ¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	
B1192	Hamilton Sundstrand	14SF-11	22,000	21,350	86.2	94.0	87.5	89.0	94.2	98.0	2
B1190	Hamilton Sundstrand	14SF-11	21,500	21,350	86.3	94.0	87.0	89.0	94.2	98.0	2

¹ See Note 1.



Type Certificate Holder¹ **ATR-GIE Avions de Transport Regional** Aircraft Type Designation¹ **ATR 72-202**

Engine Manufacturer¹ **Pratt & Whitney Canada Corp.** Engine Type Designation¹ **PW124B**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels¹ **None**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment Chapter¹ **4**

EASA Record No.	Propeller Manufacturer ¹	Propeller Type Designation ¹	Maximum Mass		Lateral / Full Power EPNL		Flyover EPNL		Approach EPNL		See Note
			Take-off ¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	
B1193	Hamilton Sundstrand	14SF-11	22,000	21,350	86.2	94.0	87.5	89.0	94.2	98.0	2
B1191	Hamilton Sundstrand	14SF-11	21,500	21,350	86.3	94.0	87.0	89.0	94.2	98.0	2

¹ See Note 1.



Type Certificate Holder¹ **ATR-GIE Avions de Transport Regional** Aircraft Type Designation¹ **ATR 72-211**

Engine Manufacturer¹ **Pratt & Whitney Canada Corp.** Engine Type Designation¹ **PW127**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels¹ **None**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment **Edition 8 / Amendment 12** Chapter¹ **14**

EASA Record No.	Propeller Manufacturer ¹	Propeller Type Designation ¹	Maximum Mass		Lateral / Full Power EPNL		Flyover EPNL		Approach EPNL		See Note
			Take-off ¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	
B1198	Hamilton Sundstrand	247 F-1(-E)	22,000	21,350	84.7	94.0	80.9	89.0	92.5	98.0	2
B1197	Hamilton Sundstrand	247 F-1(-E)	21,500	21,350	84.8	94.0	80.1	89.0	92.5	98.0	2

¹ See Note 1.



Type Certificate Holder¹ **ATR-GIE Avions de Transport Regional** Aircraft Type Designation¹ **ATR 72-211**

Engine Manufacturer¹ **Pratt & Whitney Canada Corp.** Engine Type Designation¹ **PW127F**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels¹ **None**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment **Edition 8 / Amendment 12** Chapter¹ **14**

EASA Record No.	Propeller Manufacturer ¹	Propeller Type Designation ¹	Maximum Mass		Lateral / Full Power EPNL		Flyover EPNL		Approach EPNL		See Note
			Take-off ¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	
B1219	Hamilton Sundstrand	247 F-1(-E)	22,000	21,350	84.7	94.0	80.9	89.0	92.5	98.0	2
B1218	Hamilton Sundstrand	247 F-1(-E)	21,500	21,350	84.8	94.0	80.1	89.0	92.5	98.0	2

¹ See Note 1.



Type Certificate Holder¹ **ATR-GIE Avions de Transport Regional** Aircraft Type Designation¹ **ATR 72-212**

Engine Manufacturer¹ **Pratt & Whitney Canada Corp.** Engine Type Designation¹ **PW127**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels¹ **None**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment **Edition 8 / Amendment 12** Chapter¹ **14**

EASA Record No.	Propeller Manufacturer ¹	Propeller Type Designation ¹	Maximum Mass		Lateral / Full Power EPNL		Flyover EPNL		Approach EPNL		See Note
			Take-off ¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	
B1202	Hamilton Sundstrand	247 F-1(-E)	22,000	21,350	84.7	94.0	80.9	89.0	92.5	98.0	2
B1201	Hamilton Sundstrand	247 F-1(-E)	21,500	21,350	84.8	94.0	80.1	89.0	92.5	98.0	2

¹ See Note 1.



Type Certificate Holder¹ **ATR-GIE Avions de Transport Regional** Aircraft Type Designation¹ **ATR 72-212**

Engine Manufacturer¹ **Pratt & Whitney Canada Corp.** Engine Type Designation¹ **PW127F**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels¹ **None**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment **Edition 8 / Amendment 12** Chapter¹ **14**

EASA Record No.	Propeller Manufacturer ¹	Propeller Type Designation ¹	Maximum Mass		Lateral / Full Power EPNL		Flyover EPNL		Approach EPNL		See Note
			Take-off ¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	
B1223	Hamilton Sundstrand	247 F-1(-E)	22,000	21,350	84.7	94.0	80.9	89.0	92.5	98.0	2
B1222	Hamilton Sundstrand	247 F-1(-E)	21,500	21,350	84.8	94.0	80.1	89.0	92.5	98.0	2

¹ See Note 1.



Type Certificate Holder¹ **ATR-GIE Avions de Transport Regional** Aircraft Type Designation¹ **ATR 72-212A**

Engine Manufacturer¹ **Pratt & Whitney Canada Corp.** Engine Type Designation¹ **PW127F**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels¹ **None**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment **Edition 8 / Amendment 12** Chapter¹ **14**

EASA Record No.	Propeller Manufacturer ¹	Propeller Type Designation ¹	Maximum Mass		Lateral / Full Power EPNL		Flyover EPNL		Approach EPNL		See Note
			Take-off ¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	
B1208	Hamilton Sundstrand	568F-1	23,000	22,350	82.5	94.0	80.5	89.0	92.2	98.0	2
B1207	Hamilton Sundstrand	568F-1	22,800	22,350	82.5	94.0	80.2	89.0	92.2	98.0	2
B1206	Hamilton Sundstrand	568F-1	22,500	22,350	82.5	94.0	79.8	89.0	92.2	98.0	2
B1205	Hamilton Sundstrand	568F-1	22,000	21,850	82.6	94.0	79.1	89.0	92.2	98.0	2
B1289	Hamilton Sundstrand	568F-1	21,999	21,850	82.6	94.0	79.1	89.0	92.2	98.0	2
B1292	Hamilton Sundstrand	568F-1	21,000	21,000	82.6	94.0	77.6	89.0	92.3	98.0	2

¹ See Note 1.



Type Certificate Holder¹ **ATR-GIE Avions de Transport Regional** Aircraft Type Designation¹ **ATR 72-212A**

Engine Manufacturer¹ **Pratt & Whitney Canada Corp.** Engine Type Designation¹ **PW127M**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels¹ **None**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment **Edition 8 / Amendment 12** Chapter¹ **14**

EASA Record No.	Propeller Manufacturer ¹	Propeller Type Designation ¹	Maximum Mass		Lateral / Full Power EPNL		Flyover EPNL		Approach EPNL		See Note
			Take-off ¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	
B1214	Hamilton Sundstrand	568F-1	23,000	22,350	82.5	94.0	80.5	89.0	92.2	98.0	2
B1213	Hamilton Sundstrand	568F-1	22,800	22,350	82.5	94.0	80.2	89.0	92.2	98.0	2
B1212	Hamilton Sundstrand	568F-1	22,500	22,350	82.5	94.0	79.8	89.0	92.2	98.0	2
B1211	Hamilton Sundstrand	568F-1	22,000	21,850	82.6	94.0	79.1	89.0	92.2	98.0	2
B1290	Hamilton Sundstrand	568F-1	21,999	21,850	82.6	94.0	79.1	89.0	92.2	98.0	2
B1293	Hamilton Sundstrand	568F-1	21,000	21,000	82.6	94.0	77.6	89.0	92.3	98.0	2

¹ See Note 1.



Type Certificate Holder¹ **ATR-GIE Avions de Transport Regional** Aircraft Type Designation¹ **ATR 72-212A**

Engine Manufacturer¹ **Pratt & Whitney Canada Corp.** Engine Type Designation¹ **PW127N**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels¹ **None**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment **Edition 8 / Amendment 12** Chapter¹ **14**

EASA Record No.	Propeller Manufacturer ¹	Propeller Type Designation ¹	Maximum Mass		Lateral / Full Power EPNL		Flyover EPNL		Approach EPNL		See Note
			Take-off ¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	
B1276	Hamilton Sundstrand	568F-1	23,000	22,350	82.5	94.0	80.5	89.0	92.2	98.0	2
B1277	Hamilton Sundstrand	568F-1	22,800	22,350	82.5	94.0	80.2	89.0	92.2	98.0	2
B1278	Hamilton Sundstrand	568F-1	22,500	22,350	82.5	94.0	79.8	89.0	92.2	98.0	2
B1279	Hamilton Sundstrand	568F-1	22,000	21,850	82.6	94.0	79.1	89.0	92.2	98.0	2
B1291	Hamilton Sundstrand	568F-1	21,999	21,850	82.6	94.0	79.1	89.0	92.2	98.0	2
B1294	Hamilton Sundstrand	568F-1	21,000	21,000	82.6	94.0	77.6	89.0	92.3	98.0	2

¹ See Note 1.



Type Certificate Holder¹ **ATR-GIE Avions de Transport Regional** Aircraft Type Designation¹ **ATR 72-212A**

Engine Manufacturer¹ **Pratt & Whitney Canada Corp.** Engine Type Designation¹ **PW127XT-M**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels¹ **None**

Noise Certification Basis **ICAO Annex 16, Volume I** Edition / Amendment **Edition 8 / Amendment 13** Chapter¹ **14**

EASA Record No.	Propeller Manufacturer ¹	Propeller Type Designation ¹	Maximum Mass		Lateral / Full Power EPNL		Flyover EPNL		Approach EPNL		See Note
			Take-off ¹ (kg)	Landing ¹ (kg)	Level ¹	Limit	Level ¹	Limit	Level ¹	Limit	
B1404	Hamilton Sundstrand	568F-1	23,000	22,350	83.7	94.0	82.2	89.0	93.0	98.0	-
B1405	Hamilton Sundstrand	568F-1	22,800	22,350	83.7	94.0	82.0	89.0	93.0	98.0	-
B1406	Hamilton Sundstrand	568F-1	22,500	22,350	83.7	94.0	81.5	89.0	93.0	98.0	-
B1407	Hamilton Sundstrand	568F-1	22,000	21,850	83.8	94.0	80.8	89.0	93.0	98.0	-
B1408	Hamilton Sundstrand	568F-1	21,999	21,850	83.8	94.0	80.8	89.0	93.0	98.0	-
B1409	Hamilton Sundstrand	568F-1	21,000	21,000	83.8	94.0	79.4	89.0	93.0	98.0	-

¹ See Note 1.



CS-36 Amendment level

ICAO, Annex 16, Volume I Amendment level	7	8	9	10	11-B	12	13
Corresponding CS-36 Amendment level	Initial	1	2	3	4	5	6

TCDSN EASA.A.084 Notes

1. In cases where it is appropriate to issue a noise certificate, items so marked shall be included on EASA Form 45.
2. also applicable to aircraft fitted with mod. 10342 (Hollow Pin Plug)



Change Record

Issue	Date	Changes
Issue 1	08 January 2007	Initial Issue
Issue 2	15 May 2007	Page 18: Delete record B160 Page 18: Delete record B161 Page 18: Delete record B162 Page 18: Delete record B163 Page 18: Delete record B164
Issue 3	21 December 2007	Page 9: Add record B1090 Page 9: Add record B1091 Page 9: Add record B1092 Page 17: Add record B1089 Page 19: Add record B1093 Page 19: Add record B1094 Page 19: Add record B1095 Page 19: Add record B1096 Page 19: Add record B1097
Issue 4	08 February 2008	Page 18: Revised Page 19: Revised
Issue 5	12 February 2009	Page 9: Add record 1103
Issue 6	21 December 2010	Recertification Chapter 4
Issue 7	23 November 2012	The following record have been removed from the TCDSN: B125, B126, B129, B1090, B1173, B1178, B1171, B1184, B1187, B1194, B1195, B1199, B1203, B1209, B1215, B1220, B1224, B1225, B1228 and B1229
Issue 8	20 November 2013	Corrections of errors on propeller designation for 72-212A models.
Issue 9	04 July 2014	Introduce new engine PW127 N on ATR 72-212A
Issue 10	09 April 2015	Records B1283 and B1284 added.
Issue 11	17 March 2016	Records B1295-B1297 added, propeller manufacturer revised
Issue 12	31 May 2021	Recertification to Chapter 14 of various models. The following records have been removed from the TCDSN: B1174 / B1179 / B1284 / B1182 / B1185 / B1196 / B1217 / B1200 / B1221 / B1295 / B1296 / B1297 / B128 / B133 / B1227 / B1092 / B1292 / B1293 / B1294. The following record has been added to the TCDSN: B1355.
Issue 13	10 June 2021	Recertification to Chapter 14 of various models. Update record of Revision of Changes in issue 12. The following records have been re-added to the TCDSN: B1292 / B1293 / B1294. The flyover noise level of these records has been updated (77.7 EPNdB replaced by 77.6 EPNdB). The following record has been removed from the TCDSN: B1355.
Issue 14	25 March 2022	Added record B1357
Issue 15	14 October 2022	Added records B1403-B1409 for ATR 42-500 and ATR 72-212A fitted with engine PW127XT-M; Added note 2: "also applicable to aircraft fitted with mod. 10342 (Hollow Pin Plug)"

