



European Aviation Safety Agency

EASA

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

INTENTIONALLY LEFT BLANK

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

Engine Manufacturer¹ **Pratt & Whitney Canada** 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 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	
B1177	Hamilton Standard	14SF-5	16.900	16.400	84,9	94,0	76,5	89,0	96,8	98,0	-
B1176	Hamilton Standard	14SF-5	16.700	16.400	84,9	94,0	76,3	89,0	96,8	98,0	-
B1175	Hamilton Standard	14SF-5	16.150	16.000	85,0	94,0	75,6	89,0	96,9	98,0	-
B1174	Hamilton Standard	14SF-5	15.750	15.500	85,0	94,0	75,0	89,0	97,0	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** 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 Standard	568F-1	17.900	17.600	80,9	94,0	77,2	89,0	93,1	98,0	-
B128	Hamilton Standard	568F-1	16.500	16.500	81,0	94,0	75,0	89,0	93,2	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** 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 Standard	568F-1	18.600	18.300	80,7	94,0	76,6	89,0	92,4	98,0	-
B133	Hamilton Standard	568F-1	17.000	16.500	80,8	94,0	74,2	89,0	92,9	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** 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 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	
B1180	Hamilton Standard	568F-1	18.600	18.300	80,6	94,0	76,6	89,0	92,4	98,0	-
B1179	Hamilton Standard	568F-1	17.000	16.500	80,7	94,0	74,3	89,0	92,8	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** 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 Standard	568F-1	18.600	18.300	80,7	94,0	76,6	89,0	92,4	98,0	-
B1227	Hamilton Standard	568F-1	17.000	16.500	80,8	94,0	74,2	89,0	92,9	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** 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 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	
B1183	Hamilton Standard	568F-1	18.600	18.300	80,6	94,0	76,6	89,0	92,4	98,0	-
B1182	Hamilton Standard	568F-1	17.000	16.500	80,7	94,0	74,3	89,0	92,8	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** 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 Standard	568F-1	18.600	18.300	80,7	94,0	76,6	89,0	92,4	98,0	-
B1092	Hamilton Standard	568F-1	17.000	16.500	80,8	94,0	74,2	89,0	92,9	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** 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 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	
B1186	Hamilton Standard	568F-1	18.600	18.300	80,6	94,0	76,6	89,0	92,4	98,0	-
B1185	Hamilton Standard	568F-1	17.000	16.500	80,7	94,0	74,3	89,0	92,8	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** 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 Standard	14SF-11	19.990	19.900	86,3	94,0	85,7	89,0	94,4	98,0	-

¹ See Note 1.

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

Engine Manufacturer¹ **Pratt & Whitney Canada** 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 Standard	14SF-11	19.990	19.900	86,3	94,0	85,7	89,0	94,4	98,0	-

¹ See Note 1.

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

Engine Manufacturer¹ **Pratt & Whitney Canada** 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 Standard	14SF-11	22.000	21.350	86,2	94,0	87,5	89,0	94,2	98,0	-
B1190	Hamilton Standard	14SF-11	21.500	21.350	86,3	94,0	87,0	89,0	94,2	98,0	-

¹ See Note 1.

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

Engine Manufacturer¹ **Pratt & Whitney Canada** 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 Standard	14SF-11	22.000	21.350	86,2	94,0	87,5	89,0	94,2	98,0	-
B1191	Hamilton Standard	14SF-11	21.500	21.350	86,3	94,0	87,0	89,0	94,2	98,0	-

¹ See Note 1.

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

Engine Manufacturer¹ **Pratt & Whitney Canada** 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 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	
B1198	Hamilton Standard	247 F-1(-E)	22.000	21.350	84,7	94,0	80,9	89,0	92,5	98,0	-
B1197	Hamilton Standard	247 F-1(-E)	21.500	21.350	84,8	94,0	80,1	89,0	92,5	98,0	-
B1196	Hamilton Standard	247 F-1(-E)	19.500	19.000	84,8	94,0	77,4	89,0	93,1	98,0	-

¹ See Note 1.

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

Engine Manufacturer¹ **Pratt & Whitney Canada** 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 **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	
B1219	Hamilton Standard	247 F-1(-E)	22.000	21.350	84,7	94,0	80,9	89,0	92,5	98,0	-
B1218	Hamilton Standard	247 F-1(-E)	21.500	21.350	84,8	94,0	80,1	89,0	92,5	98,0	-
B1217	Hamilton Standard	247 F-1(-E)	19.500	19.000	84,8	94,0	77,4	89,0	93,1	98,0	-

¹ See Note 1.

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

Engine Manufacturer¹ **Pratt & Whitney Canada** 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 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	
B1202	Hamilton Standard	247 F-1(-E)	22.000	21.350	84,7	94,0	80,9	89,0	92,5	98,0	-
B1201	Hamilton Standard	247 F-1(-E)	21.500	21.350	84,8	94,0	80,1	89,0	92,5	98,0	-
B1200	Hamilton Standard	247 F-1(-E)	19.500	19.000	84,8	94,0	77,4	89,0	93,1	98,0	-

¹ See Note 1.

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

Engine Manufacturer¹ **Pratt & Whitney Canada** 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 **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	
B1223	Hamilton Standard	247 F-1(-E)	22.000	21.350	84,7	94,0	80,9	89,0	92,5	98,0	-
B1222	Hamilton Standard	247 F-1(-E)	21.500	21.350	84,8	94,0	80,1	89,0	92,5	98,0	-
B1221	Hamilton Standard	247 F-1(-E)	19.500	19.000	84,8	94,0	77,4	89,0	93,1	98,0	-

¹ See Note 1.

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

Engine Manufacturer¹ **Pratt & Whitney Canada** 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 **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	
B1208	Hamilton Standard	568F	23.000	22.350	82,5	94,0	80,5	89,0	92,2	98,0	-
B1207	Hamilton Standard	568F	22.800	22.350	82,5	94,0	80,2	89,0	92,2	98,0	-
B1206	Hamilton Standard	568F	22.500	22.350	82,5	94,0	79,8	89,0	92,2	98,0	-
B1205	Hamilton Standard	568F	22.000	21.850	82,6	94,0	79,1	89,0	92,2	98,0	-
B1204	Hamilton Standard	568F	20.000	19.500	82,6	94,0	76,3	89,0	92,5	98,0	-

¹ See Note 1.

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

Engine Manufacturer¹ **Pratt & Whitney Canada** 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 **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	
B1214	Hamilton Standard	568F	23.000	22.350	82,5	94,0	80,5	89,0	92,2	98,0	-
B1213	Hamilton Standard	568F	22.800	22.350	82,5	94,0	80,2	89,0	92,2	98,0	-
B1212	Hamilton Standard	568F	22.500	22.350	82,5	94,0	79,8	89,0	92,2	98,0	-
B1211	Hamilton Standard	568F	22.000	21.850	82,6	94,0	79,1	89,0	92,2	98,0	-
B1210	Hamilton Standard	568F	20.000	19.500	82,6	94,0	76,3	89,0	92,5	98,0	-

¹ See Note 1.

TCDSN EASA.A.084 Notes

1. Items so marked shall be included on EASA Form 45.

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 records have been removed from the TCDSN: B125, B126, B129, B1090, B1171, B1173, B1178, B1184, B1187, B1194, B1195, B1199, B1203, B1209, B1215, B1220, B1224, B1225, B1228 and B1229

-END-