

European Aviation Safety Agency

EASA

TYPE-CERTIFICATE DATA SHEET FOR NOISE

ATR 42, ATR 72

**Type Certificate Holder:
Avions de Transport Regional**

1, Allée Pierre Nadot
31712 Blagnac Cedex
France

For models : ATR 42-200
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

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Type Certificate Holder* **Avions de Transport Regional** Aircraft Type Designation* **ATR 42-200**

Engine Manufacturer* **Pratt & Whitney Canada** Engine Type Designation* **PW120**

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

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

EASA Record No.	Propeller Manufacturer*	Propeller Type Designation*	Maximum Mass		Lateral/Full Power EPNL		Flyover EPNL		Approach EPNL	
			Take-off* (kg)	Landing* (kg)	Level*	Limit	Level*	Limit	Level*	Limit
B1169	Hamilton Standard	14SF-5	15.750	15.500	84,6	94,0	75,5	89,0	97,0	98,0

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

Type Certificate Holder* **Avions de Transport Regional**

Aircraft Type Designation* **ATR 42-200**

Engine Manufacturer* **Pratt & Whitney Canada**

Engine Type Designation* **PW121**

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

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

EASA Record No.	Propeller Manufacturer *	Propeller Type Designation *	Maximum Mass		Lateral/Full Power EPNL		Flyover EPNL		Approach EPNL	
			Take-off * (kg)	Landing * (kg)	Level *	Limit	Level *	Limit	Level *	Limit
B1216	Hamilton Standard	14SF-5	15.750	15.500	84,6	94,0	75,5	89,0	97,0	98,0

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

Type Certificate Holder* **Avions de Transport Regional** Aircraft Type Designation* **ATR 42-300**
 Engine Manufacturer* **Pratt & Whitney Canada** Engine Type Designation* **PW120**

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

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

EASA Record No.	Propeller Manufacturer *	Propeller Type Designation *	Maximum Mass		Lateral/Full Power EPNL		Flyover EPNL		Approach EPNL	
			Take-off* (kg)	Landing* (kg)	Level*	Limit	Level*	Limit	Level*	Limit
B1173	Hamilton Standard	14SF-5	17.000	16.850	84,5	94,0	77,2	89,0	96,7	98,0
B1172	Hamilton Standard	14SF-5	16.900	16.400	84,5	94,0	77,1	89,0	96,8	98,0
B1171	Hamilton Standard	14SF-5	16.700	16.400	84,5	94,0	76,8	89,0	96,8	98,0
B1170	Hamilton Standard	14SF-5	16.150	16.000	84,6	94,0	76,1	89,0	96,9	98,0

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

Type Certificate Holder* **Avions de Transport Regional** Aircraft Type Designation* **ATR 42-320**

Engine Manufacturer* **Pratt & Whitney Canada** Engine Type Designation* **PW121**

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

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

EASA Record No.	Propeller Manufacturer *	Propeller Type Designation *	Maximum Mass		Lateral/Full Power EPNL		Flyover EPNL		Approach EPNL	
			Take-off* (kg)	Landing* (kg)	Level*	Limit	Level*	Limit	Level*	Limit
B1178	Hamilton Standard	14SF-5	17.000	16.850	84,9	94,0	76,7	89,0	96,7	98,0
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

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

Type Certificate Holder* **Avions de Transport Regional**

Aircraft Type Designation* **ATR 42-400**

Engine Manufacturer* **Pratt & Whitney Canada**

Engine Type Designation* **PW121A**

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

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

Chapter* **3**

EASA Record No.	Propeller Manufacturer *	Propeller Type Designation *	Maximum Mass		Lateral/Full Power EPNL		Flyover EPNL		Approach EPNL	
			Take-off* (kg)	Landing* (kg)	Level*	Limit	Level*	Limit	Level*	Limit
B125	Hamilton Standard	568F-1	19.000	18.500	80,8	94,0	78,9	89,0	93,0	98,0
B126	Hamilton Standard	568F-1	18.200	17.900	80,9	94,0	77,6	89,0	93,0	98,0
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

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

Type Certificate Holder* **Avions de Transport Regional** Aircraft Type Designation* **ATR 42-500**
 Engine Manufacturer* **Pratt & Whitney Canada** Engine Type Designation* **PW127E**

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

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

EASA Record No.	Propeller Manufacturer *	Propeller Type Designation *	Maximum Mass		Lateral/Full Power EPNL		Flyover EPNL		Approach EPNL	
			Take-off* (kg)	Landing* (kg)	Level *	Limit	Level *	Limit	Level *	Limit
B129	Hamilton Standard	568F-1	20.000	19.500	80,7	94,0	78,5	89,0	92,2	98,0
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

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

Type Certificate Holder* **Avions de Transport Regional** Aircraft Type Designation* **ATR 42-500**
 Engine Manufacturer* **Pratt & Whitney Canada** Engine Type Designation* **PW127E**

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

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

EASA Record No.	Propeller Manufacturer *	Propeller Type Designation *	Maximum Mass		Lateral/Full Power EPNL		Flyover EPNL		Approach EPNL	
			Take-off* (kg)	Landing* (kg)	Level*	Limit	Level*	Limit	Level*	Limit
B1181	Hamilton Standard	568F-1	20.000	19.500	80,6	94,0	78,8	89,0	92,2	98,0
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

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

Type Certificate Holder* **Avions de Transport Regional** Aircraft Type Designation* **ATR 42-500**
 Engine Manufacturer* **Pratt & Whitney Canada** Engine Type Designation* **PW127F**

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

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

EASA Record No.	Propeller Manufacturer *	Propeller Type Designation *	Maximum Mass		Lateral/Full Power EPNL		Flyover EPNL		Approach EPNL	
			Take-off* (kg)	Landing* (kg)	Level*	Limit	Level*	Limit	Level*	Limit
B1225	Hamilton Standard	568F-1	20.000	19.500	80,7	94,0	78,5	89,0	92,2	98,0
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

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

Type Certificate Holder* **Avions de Transport Regional** Aircraft Type Designation* **ATR 42-500**
 Engine Manufacturer* **Pratt & Whitney Canada** Engine Type Designation* **PW127F**

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

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

EASA Record No.	Propeller Manufacturer *	Propeller Type Designation *	Maximum Mass		Lateral/Full Power EPNL		Flyover EPNL		Approach EPNL	
			Take-off* (kg)	Landing* (kg)	Level*	Limit	Level*	Limit	Level*	Limit
B1184	Hamilton Standard	568F-1	20.000	19.500	80,6	94,0	78,8	89,0	92,2	98,0
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

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

Type Certificate Holder* **Avions de Transport Regional** Aircraft Type Designation* **ATR 42-500**
 Engine Manufacturer* **Pratt & Whitney Canada** Engine Type Designation* **PW127M**

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

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

EASA Record No.	Propeller Manufacturer *	Propeller Type Designation *	Maximum Mass		Lateral/Full Power EPNL		Flyover EPNL		Approach EPNL	
			Take-off* (kg)	Landing* (kg)	Level*	Limit	Level*	Limit	Level*	Limit
B1090	Hamilton Standard	568F-1	20.000	19.500	80,7	94,0	78,5	89,0	92,2	98,0
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

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

Type Certificate Holder* **Avions de Transport Regional** Aircraft Type Designation* **ATR 42-500**
 Engine Manufacturer* **Pratt & Whitney Canada** Engine Type Designation* **PW127M**

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

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

EASA Record No.	Propeller Manufacturer *	Propeller Type Designation *	Maximum Mass		Lateral/Full Power EPNL		Flyover EPNL		Approach EPNL	
			Take-off* (kg)	Landing* (kg)	Level*	Limit	Level*	Limit	Level*	Limit
B1187	Hamilton Standard	568F-1	20.000	19.500	80,6	94,0	78,8	89,0	92,2	98,0
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

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

Type Certificate Holder* **Avions de Transport Regional** Aircraft Type Designation* **ATR 72-101**
 Engine Manufacturer* **Pratt & Whitney Canada** Engine Type Designation* **PW124B**

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

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

EASA Record No.	Propeller Manufacturer *	Propeller Type Designation *	Maximum Mass		Lateral/Full Power EPNL		Flyover EPNL		Approach EPNL	
			Take-off* (kg)	Landing* (kg)	Level*	Limit	Level*	Limit	Level*	Limit
B1188	Hamilton Standard	14SF-11	19.990	19.900	86,3	94,0	85,7	89,0	94,4	98,0

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

Type Certificate Holder* **Avions de Transport Regional** Aircraft Type Designation* **ATR 72-102**
 Engine Manufacturer* **Pratt & Whitney Canada** Engine Type Designation* **PW124B**

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

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

EASA Record No.	Propeller Manufacturer *	Propeller Type Designation *	Maximum Mass		Lateral/Full Power EPNL		Flyover EPNL		Approach EPNL	
			Take-off * (kg)	Landing * (kg)	Level *	Limit	Level *	Limit	Level *	Limit
B1189	Hamilton Standard	14SF-11	19.990	19.900	86,3	94,0	85,7	89,0	94,4	98,0

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

Type Certificate Holder* **Avions de Transport Regional** Aircraft Type Designation* **ATR 72-201**
 Engine Manufacturer* **Pratt & Whitney Canada** Engine Type Designation* **PW124B**

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

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

EASA Record No.	Propeller Manufacturer *	Propeller Type Designation *	Maximum Mass		Lateral/Full Power EPNL		Flyover EPNL		Approach EPNL	
			Take-off* (kg)	Landing* (kg)	Level*	Limit	Level*	Limit	Level*	Limit
B1194	Hamilton Standard	14SF-11	22.000	22.000	86,2	94,0	87,5	89,0	94,1	98,0
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

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

Type Certificate Holder* **Avions de Transport Regional** Aircraft Type Designation* **ATR 72-202**
 Engine Manufacturer* **Pratt & Whitney Canada** Engine Type Designation* **PW124B**

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

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

EASA Record No.	Propeller Manufacturer *	Propeller Type Designation *	Maximum Mass		Lateral/Full Power EPNL		Flyover EPNL		Approach EPNL	
			Take-off* (kg)	Landing* (kg)	Level*	Limit	Level*	Limit	Level*	Limit
B1195	Hamilton Standard	14SF-11	22.000	22.000	86,2	94,0	87,5	89,0	94,1	98,0
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

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

Type Certificate Holder* **Avions de Transport Regional** Aircraft Type Designation* **ATR 72-211**
 Engine Manufacturer* **Pratt & Whitney Canada** Engine Type Designation* **PW127**

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

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

EASA Record No.	Propeller Manufacturer *	Propeller Type Designation *	Maximum Mass		Lateral/Full Power EPNL		Flyover EPNL		Approach EPNL	
			Take-off* (kg)	Landing* (kg)	Level *	Limit	Level *	Limit	Level *	Limit
B1199	Hamilton Standard	247 F-1(-E)	23.000	22.500	84,7	94,0	82,3	89,0	92,4	98,0
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

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

Type Certificate Holder* **Avions de Transport Regional**

Aircraft Type Designation* **ATR 72-211**

Engine Manufacturer* **Pratt & Whitney Canada**

Engine Type Designation* **PW127**

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

3560 and 3651 (Installation of HS 14SFL-11 and increase of MTOW up to 22000 kg)

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

Chapter* **3**

EASA Record No.	Propeller Manufacturer *	Propeller Type Designation *	Maximum Mass		Lateral/Full Power EPNL		Flyover EPNL		Approach EPNL	
			Take-off * (kg)	Landing * (kg)	Level *	Limit	Level *	Limit	Level *	Limit
B1228	Hamilton Standard	14SFL-11	22.000	21.850	86,0	94,0	86,5	89,0	94,2	98,0

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

Type Certificate Holder* **Avions de Transport Regional** Aircraft Type Designation* **ATR 72-211**
 Engine Manufacturer* **Pratt & Whitney Canada** Engine Type Designation* **PW127F**

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

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

EASA Record No.	Propeller Manufacturer *	Propeller Type Designation *	Maximum Mass		Lateral/Full Power EPNL		Flyover EPNL		Approach EPNL	
			Take-off* (kg)	Landing* (kg)	Level*	Limit	Level*	Limit	Level*	Limit
B1220	Hamilton Standard	247 F-1(-E)	23.000	22.500	84,7	94,0	82,3	89,0	92,4	98,0
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

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

Type Certificate Holder* **Avions de Transport Regional** Aircraft Type Designation* **ATR 72-212**
 Engine Manufacturer* **Pratt & Whitney Canada** Engine Type Designation* **PW127**

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

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

EASA Record No.	Propeller Manufacturer *	Propeller Type Designation *	Maximum Mass		Lateral/Full Power EPNL		Flyover EPNL		Approach EPNL	
			Take-off* (kg)	Landing* (kg)	Level*	Limit	Level*	Limit	Level*	Limit
B1203	Hamilton Standard	247 F-1(-E)	23.000	22.500	84,7	94,0	82,3	89,0	92,4	98,0
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

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

Type Certificate Holder* **Avions de Transport Regional**

Aircraft Type Designation* **ATR 72-212**

Engine Manufacturer* **Pratt & Whitney Canada**

Engine Type Designation* **PW127**

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

3560 and 3651 (Installation of HS 14SFL-11 and increase of MTOW up to 22000 kg)

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

Chapter* **3**

EASA Record No.	Propeller Manufacturer *	Propeller Type Designation *	Maximum Mass		Lateral/Full Power EPNL		Flyover EPNL		Approach EPNL	
			Take-off* (kg)	Landing* (kg)	Level*	Limit	Level*	Limit	Level*	Limit
B1229	Hamilton Standard	14SFL-11	22.000	21.850	86,0	94,0	86,5	89,0	94,2	98,0

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

Type Certificate Holder* **Avions de Transport Regional** Aircraft Type Designation* **ATR 72-212**
 Engine Manufacturer* **Pratt & Whitney Canada** Engine Type Designation* **PW127F**

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

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

EASA Record No.	Propeller Manufacturer *	Propeller Type Designation *	Maximum Mass		Lateral/Full Power EPNL		Flyover EPNL		Approach EPNL	
			Take-off* (kg)	Landing* (kg)	Level*	Limit	Level*	Limit	Level*	Limit
B1224	Hamilton Standard	247 F-1(-E)	23.000	22.500	84,7	94,0	82,3	89,0	92,4	98,0
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

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

Type Certificate Holder* **Avions de Transport Regional** Aircraft Type Designation* **ATR 72-212A**
 Engine Manufacturer* **Pratt & Whitney Canada** Engine Type Designation* **PW127F**

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

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

EASA Record No.	Propeller Manufacturer *	Propeller Type Designation *	Maximum Mass		Lateral/Full Power EPNL		Flyover EPNL		Approach EPNL	
			Take-off* (kg)	Landing* (kg)	Level*	Limit	Level*	Limit	Level*	Limit
B1209	Hamilton Standard	568F	23.500	23.000	82,5	94,0	81,2	89,0	92,1	98,0
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

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

Type Certificate Holder* **Avions de Transport Regional** Aircraft Type Designation* **ATR 72-212A**
 Engine Manufacturer* **Pratt & Whitney Canada** Engine Type Designation* **PW127M**

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

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

EASA Record No.	Propeller Manufacturer *	Propeller Type Designation *	Maximum Mass		Lateral/Full Power EPNL		Flyover EPNL		Approach EPNL	
			Take-off* (kg)	Landing* (kg)	Level*	Limit	Level*	Limit	Level*	Limit
B1215	Hamilton Standard	568F	23.500	23.000	82,5	94,0	81,2	89,0	92,1	98,0
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

* 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