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



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Type Certificate Holder<sup>1</sup>     **ATR-GIE Avions de Transport Regional**     Aircraft Type Designation<sup>1</sup>     **ATR 42-200**

Engine Manufacturer<sup>1</sup>     **Pratt & Whitney Canada**     Engine Type Designation<sup>1</sup>     **PW120**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels<sup>1</sup>     **None**

Noise Certification Basis     **ICAO Annex 16, Volume I**     Edition / Amendment     Chapter<sup>1</sup>     **4**

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

<sup>1</sup> See Note 1.



Type Certificate Holder<sup>1</sup>     **ATR-GIE Avions de Transport Regional**     Aircraft Type Designation<sup>1</sup>     **ATR 42-200**

Engine Manufacturer<sup>1</sup>     **Pratt & Whitney Canada**     Engine Type Designation<sup>1</sup>     **PW121**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels<sup>1</sup>     **1822 (Engines derated to 2000 SHP (PW120 power settings))**

Noise Certification Basis     **ICAO Annex 16, Volume I**     Edition / Amendment     Chapter<sup>1</sup>     **4**

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

<sup>1</sup> See Note 1.



Type Certificate Holder<sup>1</sup>     **ATR-GIE Avions de Transport Regional**     Aircraft Type Designation<sup>1</sup>     **ATR 42-300**

Engine Manufacturer<sup>1</sup>     **Pratt & Whitney Canada**     Engine Type Designation<sup>1</sup>     **PW120**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels<sup>1</sup>     **None**

Noise Certification Basis     **ICAO Annex 16, Volume I**     Edition / Amendment     Chapter<sup>1</sup>     **4**

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

<sup>1</sup> See Note 1.



Type Certificate Holder<sup>1</sup>     **ATR-GIE Avions de Transport Regional**                      Aircraft Type Designation<sup>1</sup>     **ATR 42-300**

Engine Manufacturer<sup>1</sup>       **Pratt & Whitney Canada**    Engine Type Designation<sup>1</sup>       **PW121**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels<sup>1</sup>                      **1822 (Engines derated to 2000 SHP (PW120 power settings))**

Noise Certification Basis     **ICAO Annex 16, Volume I**     Edition / Amendment    Chapter<sup>1</sup>                      **4**

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

<sup>1</sup> See Note 1.



Type Certificate Holder<sup>1</sup>     **ATR-GIE Avions de Transport Regional**     Aircraft Type Designation<sup>1</sup>     **ATR 42-320**

Engine Manufacturer<sup>1</sup>     **Pratt & Whitney Canada**     Engine Type Designation<sup>1</sup>     **PW121**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels<sup>1</sup>     **None**

Noise Certification Basis     **ICAO Annex 16, Volume I**     Edition / Amendment     Chapter<sup>1</sup>     **4**

EASA Record No.	Propeller Manufacturer <sup>1</sup>	Propeller Type Designation <sup>1</sup>	Maximum Mass		Lateral/Full Power EPNL		Flyover EPNL		Approach EPNL		See Note
			Take-off <sup>1</sup> (kg)	Landing <sup>1</sup> (kg)	Level <sup>1</sup>	Limit	Level <sup>1</sup>	Limit	Level <sup>1</sup>	Limit	
B1177	<b>Hamilton Sundstrand</b>	<b>14SF-5</b>	<b>16,900</b>	<b>16,400</b>	<b>84.9</b>	<b>94.0</b>	<b>76.5</b>	<b>89.0</b>	<b>96.8</b>	<b>98.0</b>	-
B1176	<b>Hamilton Sundstrand</b>	<b>14SF-5</b>	<b>16,700</b>	<b>16,400</b>	<b>84.9</b>	<b>94.0</b>	<b>76.3</b>	<b>89.0</b>	<b>96.8</b>	<b>98.0</b>	-
B1175	<b>Hamilton Sundstrand</b>	<b>14SF-5</b>	<b>16,150</b>	<b>16,000</b>	<b>85.0</b>	<b>94.0</b>	<b>75.6</b>	<b>89.0</b>	<b>96.9</b>	<b>98.0</b>	-
B1174	<b>Hamilton Sundstrand</b>	<b>14SF-5</b>	<b>15,750</b>	<b>15,500</b>	<b>85.0</b>	<b>94.0</b>	<b>75.0</b>	<b>89.0</b>	<b>97.0</b>	<b>98.0</b>	-

<sup>1</sup> See Note 1.



Type Certificate Holder<sup>1</sup>     **ATR-GIE Avions de Transport Regional**                     Aircraft Type Designation<sup>1</sup>     **ATR 42-400**

Engine Manufacturer<sup>1</sup>     **Pratt & Whitney Canada**                     Engine Type Designation<sup>1</sup>     **PW121A**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels<sup>1</sup>     **4618 (Hole obstruction of the main landing gear axle)**

Noise Certification Basis     **ICAO Annex 16, Volume I**     Edition / Amendment                     Chapter<sup>1</sup>     **3**

EASA Record No.	Propeller Manufacturer <sup>1</sup>	Propeller Type Designation <sup>1</sup>	Maximum Mass		Lateral/Full Power EPNL		Flyover EPNL		Approach EPNL		See Note
			Take-off <sup>1</sup> (kg)	Landing <sup>1</sup> (kg)	Level <sup>1</sup>	Limit	Level <sup>1</sup>	Limit	Level <sup>1</sup>	Limit	
B127	<b>Hamilton Sundstrand</b>	<b>568F-1</b>	<b>17,900</b>	<b>17,600</b>	<b>80.9</b>	<b>94.0</b>	<b>77.2</b>	<b>89.0</b>	<b>93.1</b>	<b>98.0</b>	-
B128	<b>Hamilton Sundstrand</b>	<b>568F-1</b>	<b>16,500</b>	<b>16,500</b>	<b>81.0</b>	<b>94.0</b>	<b>75.0</b>	<b>89.0</b>	<b>93.2</b>	<b>98.0</b>	-

<sup>1</sup> See Note 1.





Type Certificate Holder<sup>1</sup>     **ATR-GIE Avions de Transport Regional**     Aircraft Type Designation<sup>1</sup>     **ATR 42-500**

Engine Manufacturer<sup>1</sup>     **Pratt & Whitney Canada**     Engine Type Designation<sup>1</sup>     **PW127E**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels<sup>1</sup>     **None**

Noise Certification Basis     **ICAO Annex 16, Volume I**     Edition / Amendment     Chapter<sup>1</sup>     **3**

EASA Record No.	Propeller Manufacturer <sup>1</sup>	Propeller Type Designation <sup>1</sup>	Maximum Mass		Lateral/Full Power EPNL		Flyover EPNL		Approach EPNL		See Note
			Take-off <sup>1</sup> (kg)	Landing <sup>1</sup> (kg)	Level <sup>1</sup>	Limit	Level <sup>1</sup>	Limit	Level <sup>1</sup>	Limit	
B131	<b>Hamilton Sundstrand</b>	<b>568F-1</b>	<b>18,600</b>	<b>18,300</b>	<b>80.7</b>	<b>94.0</b>	<b>76.6</b>	<b>89.0</b>	<b>92.4</b>	<b>98.0</b>	-
B133	<b>Hamilton Sundstrand</b>	<b>568F-1</b>	<b>17,000</b>	<b>16,500</b>	<b>80.8</b>	<b>94.0</b>	<b>74.2</b>	<b>89.0</b>	<b>92.9</b>	<b>98.0</b>	-

<sup>1</sup> See Note 1.



Type Certificate Holder<sup>1</sup>     **ATR-GIE Avions de Transport Regional**     Aircraft Type Designation<sup>1</sup>     **ATR 42-500**

Engine Manufacturer<sup>1</sup>     **Pratt & Whitney Canada**     Engine Type Designation<sup>1</sup>     **PW127E**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels<sup>1</sup>     **4540 (Deletion of the flap vanes)**

Noise Certification Basis     **ICAO Annex 16, Volume I**     Edition / Amendment     Chapter<sup>1</sup>     **4**

EASA Record No.	Propeller Manufacturer <sup>1</sup>	Propeller Type Designation <sup>1</sup>	Maximum Mass		Lateral/Full Power EPNL		Flyover EPNL		Approach EPNL		See Note
			Take-off <sup>1</sup> (kg)	Landing <sup>1</sup> (kg)	Level <sup>1</sup>	Limit	Level <sup>1</sup>	Limit	Level <sup>1</sup>	Limit	
B1180	<b>Hamilton Sundstrand</b>	<b>568F-1</b>	<b>18,600</b>	<b>18,300</b>	<b>80.6</b>	<b>94.0</b>	<b>76.6</b>	<b>89.0</b>	<b>92.4</b>	<b>98.0</b>	-
B1179	<b>Hamilton Sundstrand</b>	<b>568F-1</b>	<b>17,000</b>	<b>16,500</b>	<b>80.7</b>	<b>94.0</b>	<b>74.3</b>	<b>89.0</b>	<b>92.8</b>	<b>98.0</b>	-

<sup>1</sup> See Note 1.



Type Certificate Holder<sup>1</sup>     **ATR-GIE Avions de Transport Regional**                      Aircraft Type Designation<sup>1</sup>     **ATR 42-500**

Engine Manufacturer<sup>1</sup>         **Pratt & Whitney Canada**    Engine Type Designation<sup>1</sup>         **PW127E and PW127F**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels<sup>1</sup>                      **4540 (Deletion of the flap vanes)**

Noise Certification Basis     **ICAO Annex 16, Volume I**     Edition / Amendment    Chapter<sup>1</sup>                      **4**

EASA Record No.	Propeller Manufacturer <sup>1</sup>	Propeller Type Designation <sup>1</sup>	Maximum Mass		Lateral/Full Power EPNL		Flyover EPNL		Approach EPNL		See Note
			Take-off <sup>1</sup> (kg)	Landing <sup>1</sup> (kg)	Level <sup>1</sup>	Limit	Level <sup>1</sup>	Limit	Level <sup>1</sup>	Limit	
B1283	<b>Hamilton Sundstrand</b>	<b>568F-1</b>	<b>18,600</b>	<b>18,300</b>	<b>80.6</b>	<b>94.0</b>	<b>76.6</b>	<b>89.0</b>	<b>92.4</b>	<b>98.0</b>	-
B1284	<b>Hamilton Sundstrand</b>	<b>568F-1</b>	<b>17,000</b>	<b>16,500</b>	<b>80.7</b>	<b>94.0</b>	<b>74.3</b>	<b>89.0</b>	<b>92.8</b>	<b>98.0</b>	-

<sup>1</sup> See Note 1.



Type Certificate Holder<sup>1</sup>     **ATR-GIE Avions de Transport Regional**                      Aircraft Type Designation<sup>1</sup>     **ATR 42-500**

Engine Manufacturer<sup>1</sup>     **Pratt & Whitney Canada**    Engine Type Designation<sup>1</sup>     **PW127F**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels<sup>1</sup>     **None**

Noise Certification Basis     **ICAO Annex 16, Volume I**     Edition / Amendment    Chapter<sup>1</sup>                      **3**

EASA Record No.	Propeller Manufacturer <sup>1</sup>	Propeller Type Designation <sup>1</sup>	Maximum Mass		Lateral/Full Power EPNL		Flyover EPNL		Approach EPNL		See Note
			Take-off <sup>1</sup> (kg)	Landing <sup>1</sup> (kg)	Level <sup>1</sup>	Limit	Level <sup>1</sup>	Limit	Level <sup>1</sup>	Limit	
B1226	<b>Hamilton Sundstrand</b>	<b>568F-1</b>	<b>18,600</b>	<b>18,300</b>	<b>80.7</b>	<b>94.0</b>	<b>76.6</b>	<b>89.0</b>	<b>92.4</b>	<b>98.0</b>	-
B1227	<b>Hamilton Sundstrand</b>	<b>568F-1</b>	<b>17,000</b>	<b>16,500</b>	<b>80.8</b>	<b>94.0</b>	<b>74.2</b>	<b>89.0</b>	<b>92.9</b>	<b>98.0</b>	-

<sup>1</sup> See Note 1.



Type Certificate Holder<sup>1</sup>     **ATR-GIE Avions de Transport Regional**                      Aircraft Type Designation<sup>1</sup>     **ATR 42-500**

Engine Manufacturer<sup>1</sup>     **Pratt & Whitney Canada**    Engine Type Designation<sup>1</sup>     **PW127F**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels<sup>1</sup>     **4540 (Deletion of the flap vanes)**

Noise Certification Basis     **ICAO Annex 16, Volume I**     Edition / Amendment    Chapter<sup>1</sup>             **4**

EASA Record No.	Propeller Manufacturer <sup>1</sup>	Propeller Type Designation <sup>1</sup>	Maximum Mass		Lateral/Full Power EPNL		Flyover EPNL		Approach EPNL		See Note
			Take-off <sup>1</sup> (kg)	Landing <sup>1</sup> (kg)	Level <sup>1</sup>	Limit	Level <sup>1</sup>	Limit	Level <sup>1</sup>	Limit	
B1183	<b>Hamilton Sundstrand</b>	<b>568F-1</b>	<b>18,600</b>	<b>18,300</b>	<b>80.6</b>	<b>94.0</b>	<b>76.6</b>	<b>89.0</b>	<b>92.4</b>	<b>98.0</b>	-
B1182	<b>Hamilton Sundstrand</b>	<b>568F-1</b>	<b>17,000</b>	<b>16,500</b>	<b>80.7</b>	<b>94.0</b>	<b>74.3</b>	<b>89.0</b>	<b>92.8</b>	<b>98.0</b>	-

<sup>1</sup> See Note 1.



Type Certificate Holder<sup>1</sup>     **ATR-GIE Avions de Transport Regional**     Aircraft Type Designation<sup>1</sup>     **ATR 42-500**

Engine Manufacturer<sup>1</sup>     **Pratt & Whitney Canada**     Engine Type Designation<sup>1</sup>     **PW127M**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels<sup>1</sup>     **None**

Noise Certification Basis     **ICAO Annex 16, Volume I**     Edition / Amendment     Chapter<sup>1</sup>     **3**

EASA Record No.	Propeller Manufacturer <sup>1</sup>	Propeller Type Designation <sup>1</sup>	Maximum Mass		Lateral/Full Power EPNL		Flyover EPNL		Approach EPNL		See Note
			Take-off <sup>1</sup> (kg)	Landing <sup>1</sup> (kg)	Level <sup>1</sup>	Limit	Level <sup>1</sup>	Limit	Level <sup>1</sup>	Limit	
B1091	<b>Hamilton Sundstrand</b>	<b>568F-1</b>	<b>18,600</b>	<b>18,300</b>	<b>80.7</b>	<b>94.0</b>	<b>76.6</b>	<b>89.0</b>	<b>92.4</b>	<b>98.0</b>	-
B1092	<b>Hamilton Sundstrand</b>	<b>568F-1</b>	<b>17,000</b>	<b>16,500</b>	<b>80.8</b>	<b>94.0</b>	<b>74.2</b>	<b>89.0</b>	<b>92.9</b>	<b>98.0</b>	-

<sup>1</sup> See Note 1.



Type Certificate Holder<sup>1</sup>     **ATR-GIE Avions de Transport Regional**                      Aircraft Type Designation<sup>1</sup>     **ATR 42-500**

Engine Manufacturer<sup>1</sup>       **Pratt & Whitney Canada**    Engine Type Designation<sup>1</sup>       **PW127M**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels<sup>1</sup>     **4540 (Deletion of the flap vanes)**

Noise Certification Basis     **ICAO Annex 16, Volume I**     Edition / Amendment    Chapter<sup>1</sup>             **4**

EASA Record No.	Propeller Manufacturer <sup>1</sup>	Propeller Type Designation <sup>1</sup>	Maximum Mass		Lateral/Full Power EPNL		Flyover EPNL		Approach EPNL		See Note
			Take-off <sup>1</sup> (kg)	Landing <sup>1</sup> (kg)	Level <sup>1</sup>	Limit	Level <sup>1</sup>	Limit	Level <sup>1</sup>	Limit	
B1186	<b>Hamilton Sundstrand</b>	<b>568F-1</b>	<b>18,600</b>	<b>18,300</b>	<b>80.6</b>	<b>94.0</b>	<b>76.6</b>	<b>89.0</b>	<b>92.4</b>	<b>98.0</b>	-
B1185	<b>Hamilton Sundstrand</b>	<b>568F-1</b>	<b>17,000</b>	<b>16,500</b>	<b>80.7</b>	<b>94.0</b>	<b>74.3</b>	<b>89.0</b>	<b>92.8</b>	<b>98.0</b>	-

<sup>1</sup> See Note 1.



Type Certificate Holder<sup>1</sup>     **ATR-GIE Avions de Transport Regional**     Aircraft Type Designation<sup>1</sup>     **ATR 72-101**

Engine Manufacturer<sup>1</sup>     **Pratt & Whitney Canada**     Engine Type Designation<sup>1</sup>     **PW124B**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels<sup>1</sup>     **None**

Noise Certification Basis     **ICAO Annex 16, Volume I**     Edition / Amendment     Chapter<sup>1</sup>     **4**

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

<sup>1</sup> See Note 1.





Type Certificate Holder<sup>1</sup>     **ATR-GIE Avions de Transport Regional**                      Aircraft Type Designation<sup>1</sup>     **ATR 72-102**

Engine Manufacturer<sup>1</sup>             **Pratt & Whitney Canada**    Engine Type Designation<sup>1</sup>             **PW124B**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels<sup>1</sup>    **None**

Noise Certification Basis     **ICAO Annex 16, Volume I**     Edition / Amendment    Chapter<sup>1</sup>    **4**

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

<sup>1</sup> See Note 1.



Type Certificate Holder<sup>1</sup>     **ATR-GIE Avions de Transport Regional**     Aircraft Type Designation<sup>1</sup>     **ATR 72-201**

Engine Manufacturer<sup>1</sup>     **Pratt & Whitney Canada**     Engine Type Designation<sup>1</sup>     **PW124B**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels<sup>1</sup>     **None**

Noise Certification Basis     **ICAO Annex 16, Volume I**     Edition / Amendment     Chapter<sup>1</sup>     **4**

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

<sup>1</sup> See Note 1.



Type Certificate Holder<sup>1</sup>     **ATR-GIE Avions de Transport Regional**                      Aircraft Type Designation<sup>1</sup>     **ATR 72-202**

Engine Manufacturer<sup>1</sup>     **Pratt & Whitney Canada**    Engine Type Designation<sup>1</sup>     **PW124B**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels<sup>1</sup>     **None**

Noise Certification Basis     **ICAO Annex 16, Volume I**     Edition / Amendment    Chapter<sup>1</sup>                      **4**

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

<sup>1</sup> See Note 1.



Type Certificate Holder<sup>1</sup>     **ATR-GIE Avions de Transport Regional**     Aircraft Type Designation<sup>1</sup>     **ATR 72-211**

Engine Manufacturer<sup>1</sup>     **Pratt & Whitney Canada**     Engine Type Designation<sup>1</sup>     **PW127**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels<sup>1</sup>     **None**

Noise Certification Basis     **ICAO Annex 16, Volume I**     Edition / Amendment     Chapter<sup>1</sup>     **4**

EASA Record No.	Propeller Manufacturer <sup>1</sup>	Propeller Type Designation <sup>1</sup>	Maximum Mass		Lateral/Full Power EPNL		Flyover EPNL		Approach EPNL		See Note
			Take-off <sup>1</sup> (kg)	Landing <sup>1</sup> (kg)	Level <sup>1</sup>	Limit	Level <sup>1</sup>	Limit	Level <sup>1</sup>	Limit	
B1198	<b>Hamilton Sundstrand</b>	<b>247 F-1(-E)</b>	<b>22,000</b>	<b>21,350</b>	<b>84.7</b>	<b>94.0</b>	<b>80.9</b>	<b>89.0</b>	<b>92.5</b>	<b>98.0</b>	-
B1197	<b>Hamilton Sundstrand</b>	<b>247 F-1(-E)</b>	<b>21,500</b>	<b>21,350</b>	<b>84.8</b>	<b>94.0</b>	<b>80.1</b>	<b>89.0</b>	<b>92.5</b>	<b>98.0</b>	-
B1196	<b>Hamilton Sundstrand</b>	<b>247 F-1(-E)</b>	<b>19,500</b>	<b>19,000</b>	<b>84.8</b>	<b>94.0</b>	<b>77.4</b>	<b>89.0</b>	<b>93.1</b>	<b>98.0</b>	-

<sup>1</sup> See Note 1.



Type Certificate Holder<sup>1</sup>     **ATR-GIE Avions de Transport Regional**                      Aircraft Type Designation<sup>1</sup>     **ATR 72-211**

Engine Manufacturer<sup>1</sup>       **Pratt & Whitney Canada**    Engine Type Designation<sup>1</sup>       **PW127F**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels<sup>1</sup>     **None**

Noise Certification Basis     **ICAO Annex 16, Volume I**     Edition / Amendment    Chapter<sup>1</sup>             **4**

EASA Record No.	Propeller Manufacturer <sup>1</sup>	Propeller Type Designation <sup>1</sup>	Maximum Mass		Lateral/Full Power EPNL		Flyover EPNL		Approach EPNL		See Note
			Take-off <sup>1</sup> (kg)	Landing <sup>1</sup> (kg)	Level <sup>1</sup>	Limit	Level <sup>1</sup>	Limit	Level <sup>1</sup>	Limit	
B1219	<b>Hamilton Sundstrand</b>	<b>247 F-1(-E)</b>	<b>22,000</b>	<b>21,350</b>	<b>84.7</b>	<b>94.0</b>	<b>80.9</b>	<b>89.0</b>	<b>92.5</b>	<b>98.0</b>	-
B1218	<b>Hamilton Sundstrand</b>	<b>247 F-1(-E)</b>	<b>21,500</b>	<b>21,350</b>	<b>84.8</b>	<b>94.0</b>	<b>80.1</b>	<b>89.0</b>	<b>92.5</b>	<b>98.0</b>	-
B1217	<b>Hamilton Sundstrand</b>	<b>247 F-1(-E)</b>	<b>19,500</b>	<b>19,000</b>	<b>84.8</b>	<b>94.0</b>	<b>77.4</b>	<b>89.0</b>	<b>93.1</b>	<b>98.0</b>	-

<sup>1</sup> See Note 1.



Type Certificate Holder<sup>1</sup>     **ATR-GIE Avions de Transport Regional**     Aircraft Type Designation<sup>1</sup>     **ATR 72-212**

Engine Manufacturer<sup>1</sup>     **Pratt & Whitney Canada**     Engine Type Designation<sup>1</sup>     **PW127**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels<sup>1</sup>     **None**

Noise Certification Basis     **ICAO Annex 16, Volume I**     Edition / Amendment     Chapter<sup>1</sup>     **4**

EASA Record No.	Propeller Manufacturer <sup>1</sup>	Propeller Type Designation <sup>1</sup>	Maximum Mass		Lateral/Full Power EPNL		Flyover EPNL		Approach EPNL		See Note
			Take-off <sup>1</sup> (kg)	Landing <sup>1</sup> (kg)	Level <sup>1</sup>	Limit	Level <sup>1</sup>	Limit	Level <sup>1</sup>	Limit	
B1202	<b>Hamilton Sundstrand</b>	<b>247 F-1(-E)</b>	<b>22,000</b>	<b>21,350</b>	<b>84.7</b>	<b>94.0</b>	<b>80.9</b>	<b>89.0</b>	<b>92.5</b>	<b>98.0</b>	-
B1201	<b>Hamilton Sundstrand</b>	<b>247 F-1(-E)</b>	<b>21,500</b>	<b>21,350</b>	<b>84.8</b>	<b>94.0</b>	<b>80.1</b>	<b>89.0</b>	<b>92.5</b>	<b>98.0</b>	-
B1200	<b>Hamilton Sundstrand</b>	<b>247 F-1(-E)</b>	<b>19,500</b>	<b>19,000</b>	<b>84.8</b>	<b>94.0</b>	<b>77.4</b>	<b>89.0</b>	<b>93.1</b>	<b>98.0</b>	-

<sup>1</sup> See Note 1.



Type Certificate Holder<sup>1</sup>     **ATR-GIE Avions de Transport Regional**     Aircraft Type Designation<sup>1</sup>     **ATR 72-212**

Engine Manufacturer<sup>1</sup>     **Pratt & Whitney Canada**     Engine Type Designation<sup>1</sup>     **PW127F**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels<sup>1</sup>     **None**

Noise Certification Basis     **ICAO Annex 16, Volume I**     Edition / Amendment     Chapter<sup>1</sup>     **4**

EASA Record No.	Propeller Manufacturer <sup>1</sup>	Propeller Type Designation <sup>1</sup>	Maximum Mass		Lateral/Full Power EPNL		Flyover EPNL		Approach EPNL		See Note
			Take-off <sup>1</sup> (kg)	Landing <sup>1</sup> (kg)	Level <sup>1</sup>	Limit	Level <sup>1</sup>	Limit	Level <sup>1</sup>	Limit	
B1223	<b>Hamilton Sundstrand</b>	<b>247 F-1(-E)</b>	<b>22,000</b>	<b>21,350</b>	<b>84.7</b>	<b>94.0</b>	<b>80.9</b>	<b>89.0</b>	<b>92.5</b>	<b>98.0</b>	-
B1222	<b>Hamilton Sundstrand</b>	<b>247 F-1(-E)</b>	<b>21,500</b>	<b>21,350</b>	<b>84.8</b>	<b>94.0</b>	<b>80.1</b>	<b>89.0</b>	<b>92.5</b>	<b>98.0</b>	-
B1221	<b>Hamilton Sundstrand</b>	<b>247 F-1(-E)</b>	<b>19,500</b>	<b>19,000</b>	<b>84.8</b>	<b>94.0</b>	<b>77.4</b>	<b>89.0</b>	<b>93.1</b>	<b>98.0</b>	-

<sup>1</sup> See Note 1.



Type Certificate Holder<sup>1</sup>     **ATR-GIE Avions de Transport Regional**     Aircraft Type Designation<sup>1</sup>     **ATR 72-212A**

Engine Manufacturer<sup>1</sup>     **Pratt & Whitney Canada**     Engine Type Designation<sup>1</sup>     **PW127F**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels<sup>1</sup>     **None**

Noise Certification Basis     **ICAO Annex 16, Volume I**     Edition / Amendment     Chapter<sup>1</sup>     **4**

EASA Record No.	Propeller Manufacturer <sup>1</sup>	Propeller Type Designation <sup>1</sup>	Maximum Mass		Lateral/Full Power EPNL		Flyover EPNL		Approach EPNL		See Note
			Take-off <sup>1</sup> (kg)	Landing <sup>1</sup> (kg)	Level <sup>1</sup>	Limit	Level <sup>1</sup>	Limit	Level <sup>1</sup>	Limit	
B1208	<b>Hamilton Sundstrand</b>	<b>568F-1</b>	<b>23,000</b>	<b>22,350</b>	<b>82.5</b>	<b>94.0</b>	<b>80.5</b>	<b>89.0</b>	<b>92.2</b>	<b>98.0</b>	-
B1207	<b>Hamilton Sundstrand</b>	<b>568F-1</b>	<b>22,800</b>	<b>22,350</b>	<b>82.5</b>	<b>94.0</b>	<b>80.2</b>	<b>89.0</b>	<b>92.2</b>	<b>98.0</b>	-
B1206	<b>Hamilton Sundstrand</b>	<b>568F-1</b>	<b>22,500</b>	<b>22,350</b>	<b>82.5</b>	<b>94.0</b>	<b>79.8</b>	<b>89.0</b>	<b>92.2</b>	<b>98.0</b>	-
B1205	<b>Hamilton Sundstrand</b>	<b>568F-1</b>	<b>22,000</b>	<b>21,850</b>	<b>82.6</b>	<b>94.0</b>	<b>79.1</b>	<b>89.0</b>	<b>92.2</b>	<b>98.0</b>	-
B1289	<b>Hamilton Sundstrand</b>	<b>568F-1</b>	<b>21,999</b>	<b>21,850</b>	<b>82.6</b>	<b>94.0</b>	<b>79.1</b>	<b>89.0</b>	<b>92.2</b>	<b>98.0</b>	-
B1295	<b>Hamilton Sundstrand</b>	<b>568F-1</b>	<b>21,500</b>	<b>21,350</b>	<b>82.6</b>	<b>94.0</b>	<b>78.4</b>	<b>89.0</b>	<b>92.3</b>	<b>98.0</b>	-
B1292	<b>Hamilton Sundstrand</b>	<b>568F-1</b>	<b>21,000</b>	<b>21,000</b>	<b>82.6</b>	<b>94.0</b>	<b>77.7</b>	<b>89.0</b>	<b>92.3</b>	<b>98.0</b>	-

<sup>1</sup> See Note 1.





Type Certificate Holder<sup>1</sup>     **ATR-GIE Avions de Transport Regional**     Aircraft Type Designation<sup>1</sup>     **ATR 72-212A**

Engine Manufacturer<sup>1</sup>     **Pratt & Whitney Canada**     Engine Type Designation<sup>1</sup>     **PW127M**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels<sup>1</sup>     **None**

Noise Certification Basis     **ICAO Annex 16, Volume I**     Edition / Amendment     Chapter<sup>1</sup>     **4**

EASA Record No.	Propeller Manufacturer <sup>1</sup>	Propeller Type Designation <sup>1</sup>	Maximum Mass		Lateral/Full Power EPNL		Flyover EPNL		Approach EPNL		See Note
			Take-off <sup>1</sup> (kg)	Landing <sup>1</sup> (kg)	Level <sup>1</sup>	Limit	Level <sup>1</sup>	Limit	Level <sup>1</sup>	Limit	
B1214	<b>Hamilton Sundstrand</b>	<b>568F-1</b>	<b>23,000</b>	<b>22,350</b>	<b>82.5</b>	<b>94.0</b>	<b>80.5</b>	<b>89.0</b>	<b>92.2</b>	<b>98.0</b>	-
B1213	<b>Hamilton Sundstrand</b>	<b>568F-1</b>	<b>22,800</b>	<b>22,350</b>	<b>82.5</b>	<b>94.0</b>	<b>80.2</b>	<b>89.0</b>	<b>92.2</b>	<b>98.0</b>	-
B1212	<b>Hamilton Sundstrand</b>	<b>568F-1</b>	<b>22,500</b>	<b>22,350</b>	<b>82.5</b>	<b>94.0</b>	<b>79.8</b>	<b>89.0</b>	<b>92.2</b>	<b>98.0</b>	-
B1211	<b>Hamilton Sundstrand</b>	<b>568F-1</b>	<b>22,000</b>	<b>21,850</b>	<b>82.6</b>	<b>94.0</b>	<b>79.1</b>	<b>89.0</b>	<b>92.2</b>	<b>98.0</b>	-
B1290	<b>Hamilton Sundstrand</b>	<b>568F-1</b>	<b>21,999</b>	<b>21,850</b>	<b>82.6</b>	<b>94.0</b>	<b>79.1</b>	<b>89.0</b>	<b>92.2</b>	<b>98.0</b>	-
B1296	<b>Hamilton Sundstrand</b>	<b>568F-1</b>	<b>21,500</b>	<b>21,350</b>	<b>82.6</b>	<b>94.0</b>	<b>78.4</b>	<b>89.0</b>	<b>92.3</b>	<b>98.0</b>	-
B1293	<b>Hamilton Sundstrand</b>	<b>568F-1</b>	<b>21,000</b>	<b>21,000</b>	<b>82.6</b>	<b>94.0</b>	<b>77.7</b>	<b>89.0</b>	<b>92.3</b>	<b>98.0</b>	-

<sup>1</sup> See Note 1.



Type Certificate Holder<sup>1</sup>     **ATR-GIE Avions de Transport Regional**     Aircraft Type Designation<sup>1</sup>     **ATR 72-212A**

Engine Manufacturer<sup>1</sup>     **Pratt & Whitney Canada**     Engine Type Designation<sup>1</sup>     **PW127N**

Additional modifications essential to meet the requirements or needed to attain the certificated noise levels<sup>1</sup>     **None**

Noise Certification Basis     **ICAO Annex 16, Volume I**     Edition / Amendment     Chapter<sup>1</sup>     **4**

EASA Record No.	Propeller Manufacturer <sup>1</sup>	Propeller Type Designation <sup>1</sup>	Maximum Mass		Lateral/Full Power EPNL		Flyover EPNL		Approach EPNL		See Note
			Take-off <sup>1</sup> (kg)	Landing <sup>1</sup> (kg)	Level <sup>1</sup>	Limit	Level <sup>1</sup>	Limit	Level <sup>1</sup>	Limit	
B1276	<b>Hamilton Sundstrand</b>	<b>568F-1</b>	<b>23,000</b>	<b>22,350</b>	<b>82.5</b>	<b>94.0</b>	<b>80.5</b>	<b>89.0</b>	<b>92.2</b>	<b>98.0</b>	-
B1277	<b>Hamilton Sundstrand</b>	<b>568F-1</b>	<b>22,800</b>	<b>22,350</b>	<b>82.5</b>	<b>94.0</b>	<b>80.2</b>	<b>89.0</b>	<b>92.2</b>	<b>98.0</b>	-
B1278	<b>Hamilton Sundstrand</b>	<b>568F-1</b>	<b>22,500</b>	<b>22,350</b>	<b>82.5</b>	<b>94.0</b>	<b>79.8</b>	<b>89.0</b>	<b>92.2</b>	<b>98.0</b>	-
B1279	<b>Hamilton Sundstrand</b>	<b>568F-1</b>	<b>22,000</b>	<b>21,850</b>	<b>82.6</b>	<b>94.0</b>	<b>79.1</b>	<b>89.0</b>	<b>92.2</b>	<b>98.0</b>	-
B1291	<b>Hamilton Sundstrand</b>	<b>568F-1</b>	<b>21,999</b>	<b>21,850</b>	<b>82.6</b>	<b>94.0</b>	<b>79.1</b>	<b>89.0</b>	<b>92.2</b>	<b>98.0</b>	-
B1297	<b>Hamilton Sundstrand</b>	<b>568F-1</b>	<b>21,500</b>	<b>21,350</b>	<b>82.6</b>	<b>94.0</b>	<b>78.4</b>	<b>89.0</b>	<b>92.3</b>	<b>98.0</b>	-
B1294	<b>Hamilton Sundstrand</b>	<b>568F-1</b>	<b>21,000</b>	<b>21,000</b>	<b>82.6</b>	<b>94.0</b>	<b>77.7</b>	<b>89.0</b>	<b>92.3</b>	<b>98.0</b>	-

<sup>1</sup> See Note 1.



**TCDSN EASA.A.084 Notes**

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

### **Change Record**

<b>Issue</b>	<b>Date</b>	<b>Changes</b>
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

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