

Civil Aviation Authority United Kingdom



TYPE-CERTIFICATE DATA SHEET FOR NOISE

UK.TC.A.00066

for

DHC-8

Type Certificate Holder

De Havilland Aircraft of Canada Limited

4100 Westwinds Drive

Calgary

Alberta T3J 4L2

Canada

Model(s)	DHC-8-102	DHC-8-201	DHC-8-301	DHC-8-401
	DHC-8-103	DHC-8-202	DHC-8-311	DHC-8-402
	DHC-8-106		DHC-8-314	
			DHC-8-315	

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Type Designation	Airframe Modification	MTOW (kg)	MLW (kg)	Engine	Engine Modification	Propeller	Regulation Ed./Amend. Chapter	Lateral Level (EPNdB)	Lateral Limit (EPNdB)	Flyover Level (EPNdB)	Flyover Limit (EPNdB)	Approach Level (EPNdB)	Approach Limit (EPNdB)	Notes	Record Number
DHC-8-102	AFM Supplement 22 1150 rpm Takeoff	15,649	15,377	Pratt & Whitney Canada PW121	None	Hamilton Sundstrand 14SF-7	Annex 16/l 1 Chapter 3	85.5	94.0	80.8	89.0	97.2	98.0	None	B981
DHC-8-102	AFM Supplement 22, AFM Supplement 23 1150 rpm Takeoff, 1050 rpm Approach	15,649	15,377	Pratt & Whitney Canada PW121	None	Hamilton Sundstrand 14SF-7	Annex 16/l 1 Chapter 3	85.5	94.0	80.8	89.0	94.7	98.0	None	B982
DHC-8-102	None	15,649	15,377	Pratt & Whitney Canada PW120A	None	Hamilton Sundstrand 14SF-7	Annex 16/l 1 Chapter 3	86.3	94.0	80.8	89.0	94.8	98.0	None	B979
DHC-8-102	None	15,649	15,377	Pratt & Whitney Canada PW121	None	Hamilton Sundstrand 14SF-7	Annex 16/l 1 Chapter 3	86.3	94.0	80.8	89.0	97.2	98.0	None	B980
DHC-8-103	AFM Supplement 23 1050 rpm Approach	14,969	15,377	Pratt & Whitney Canada PW121	None	Hamilton Sundstrand 14SF-7	Annex 16/l 1 Chapter 3	86.1	94.0	79.8	89.0	94.7	98.0	None	B986
DHC-8-103	AFM Supplement 23 1050 rpm Approach	15,649	15,377	Pratt & Whitney Canada PW121	None	Hamilton Sundstrand 14SF-7	Annex 16/l 1 Chapter 3	86.1	94.0	79.8	89.0	94.7	98.0	None	B984
DHC-8-103	None	14,969	15,377	Pratt & Whitney Canada PW121	None	Hamilton Sundstrand 14SF-7	Annex 16/l 1 Chapter 3	86.1	94.0	79.8	89.0	97.2	98.0	None	B985
DHC-8-103	None	15,649	15,377	Pratt & Whitney Canada PW121	None	Hamilton Sundstrand 14SF-7	Annex 16/l 1 Chapter 3	86.1	94.0	79.8	89.0	97.2	98.0	None	B983
DHC-8-106	AFM Supplement 23 1050 rpm Approach	16,465	15,377	Pratt & Whitney Canada PW121	None	Hamilton Sundstrand 14SF-7	Annex 16/l 4 Chapter 3	85.6	94.0	80.5	89.0	94.7	98.0	None	B988
DHC-8-106	AFM Supplement 38, AFM Supplement 23 1100 rpm Takeoff, 1050 rpm Approach	16,465	15,377	Pratt & Whitney Canada PW121	None	Hamilton Sundstrand 14SF-7	Annex 16/l 4 Chapter 3	84.0	94.0	79.9	89.0	94.7	98.0	None	B989
DHC-8-106	None	16,465	15,377	Pratt & Whitney Canada PW121	None	Hamilton Sundstrand 14SF-7	Annex 16/l 1 Chapter 3	85.6	94.0	80.5	89.0	97.2	98.0	None	B987
DHC-8-201	AFM Supplement 38 1100 rpm Takeoff	16,465	15,377	Pratt & Whitney Canada PW123C	None	Hamilton Sundstrand 14SF-23	Annex 16/l 4 Chapter 3	84.0	94.0	79.9	89.0	97.2	98.0	None	B991
DHC-8-201	AFM Supplement 38, AFM Supplement 23 1100 rpm Takeoff, 1050 rpm Approach	16,465	15,377	Pratt & Whitney Canada PW123C	None	Hamilton Sundstrand 14SF-23	Annex 16/l 4 Chapter 3	84.0	94.0	79.9	89.0	94.7	98.0	None	B992
DHC-8-201	None	16,465	15,377	Pratt & Whitney Canada PW123C	None	Hamilton Sundstrand 14SF-23	Annex 16/l 4 Chapter 3	85.6	94.0	80.5	89.0	97.2	98.0	None	B990
DHC-8-202	AFM Supplement 38 1100 rpm Takeoff	16,465	15,377	Pratt & Whitney Canada PW123D	None	Hamilton Sundstrand 14SF-23	Annex 16/l 4 Chapter 3	84.0	94.0	79.9	89.0	97.2	98.0	None	B994
DHC-8-202	AFM Supplement 38, AFM Supplement 23 1100 rpm Takeoff, 1050 rpm Approach	16,465	15,377	Pratt & Whitney Canada PW123D	None	Hamilton Sundstrand 14SF-23	Annex 16/l 4 Chapter 3	84.0	94.0	79.9	89.0	94.7	98.0	None	B995

Type Designation	Airframe Modification	MTOW (kg)	MLW (kg)	Engine	Engine Modification	Propeller	Regulation Ed./Amend. Chapter	Lateral Level (EPNdB)	Lateral Limit (EPNdB)	Flyover Level (EPNdB)	Flyover Limit (EPNdB)	Approach Level (EPNdB)	Approach Limit (EPNdB)	Notes	Record Number
DHC-8-202	None	16,465	15,650	Pratt & Whitney Canada PW123D	None	Hamilton Sundstrand 14SF-23	Annex 16/l Chapter 3	85.6	94.0	80.5	89.0	97.1	98.0	None	B1233
DHC-8-202	None	16,465	15,377	Pratt & Whitney Canada PW123D	None	Hamilton Sundstrand 14SF-23	Annex 16/l 4 Chapter 3	85.6	94.0	80.5	89.0	97.2	98.0	None	B993
DHC-8-301	AFM Supplement 39 900 rpm Approach	18,643	18,144	Pratt & Whitney Canada PW123	None	Hamilton Sundstrand 14SF-15	Annex 16/l 2 Chapter 3	87.4	94.0	84.3	89.0	96.5	98.0	None	B1005
DHC-8-301	AFM Supplement 39 900 rpm Approach	18,643	18,144	Pratt & Whitney Canada PW123	None	Hamilton Sundstrand 14SF-23	Annex 16/l 2 Chapter 3	87.4	94.0	84.3	89.0	96.5	98.0	None	B997
DHC-8-301	None	18,643	18,144	Pratt & Whitney Canada PW123	None	Hamilton Sundstrand 14SF-15	Annex 16/l 2 Chapter 3	87.4	94.0	84.3	89.0	98.9	98.0	None	B1004
DHC-8-301	None	18,643	18,144	Pratt & Whitney Canada PW123	None	Hamilton Sundstrand 14SF-23	Annex 16/l 2 Chapter 3	87.4	94.0	84.3	89.0	98.9	98.0	None	B996
DHC-8-311	AFM Supplement 39 900 rpm Approach	18,643	18,144	Pratt & Whitney Canada PW123	None	Hamilton Sundstrand 14SF-15	Annex 16/l 3 Chapter 3	87.0	94.0	79.5	89.0	94.8	98.0	None	B1007
DHC-8-311	AFM Supplement 39 900 rpm Approach	18,643	18,144	Pratt & Whitney Canada PW123	None	Hamilton Sundstrand 14SF-23	Annex 16/l 3 Chapter 3	87.0	94.0	79.5	89.0	94.8	98.0	None	B999
DHC-8-311	AFM Supplement 39 900 rpm Approach	18,996	18,597	Pratt & Whitney Canada PW123	None	Hamilton Sundstrand 14SF-15	Annex 16/l 3 Chapter 3	87.0	94.0	79.8	89.0	94.7	98.0	None	B1009
DHC-8-311	AFM Supplement 39 900 rpm Approach	18,996	18,597	Pratt & Whitney Canada PW123	None	Hamilton Sundstrand 14SF-23	Annex 16/l 3 Chapter 3	87.0	94.0	79.8	89.0	94.7	98.0	None	B1001
DHC-8-311	AFM Supplement 39 900 rpm Approach	19,504	19,051	Pratt & Whitney Canada PW123	None	Hamilton Sundstrand 14SF-15	Annex 16/l 3 Chapter 3	86.9	94.0	80.0	89.0	94.5	98.0	None	B1011
DHC-8-311	AFM Supplement 39 900 rpm Approach	19,504	19,051	Pratt & Whitney Canada PW123	None	Hamilton Sundstrand 14SF-23	Annex 16/l 3 Chapter 3	86.9	94.0	80.0	89.0	94.5	98.0	None	B1003
DHC-8-311	None	18,643	18,144	Pratt & Whitney Canada PW123	None	Hamilton Sundstrand 14SF-15	Annex 16/l 3 Chapter 3	87.0	94.0	79.5	89.0	95.1	98.0	None	B1006
DHC-8-311	None	18,643	18,144	Pratt & Whitney Canada PW123	None	Hamilton Sundstrand 14SF-23	Annex 16/l 3 Chapter 3	87.0	94.0	79.5	89.0	95.1	98.0	None	B998
DHC-8-311	None	18,996	18,597	Pratt & Whitney Canada PW123	None	Hamilton Sundstrand 14SF-15	Annex 16/l 3 Chapter 3	87.0	94.0	79.8	89.0	95.0	98.0	None	B1008
DHC-8-311	None	18,996	18,597	Pratt & Whitney Canada PW123	None	Hamilton Sundstrand 14SF-23	Annex 16/l 3 Chapter 3	87.0	94.0	79.8	89.0	95.0	98.0	None	B1000
DHC-8-311	None	19,504	19,051	Pratt & Whitney Canada PW123	None	Hamilton Sundstrand 14SF-15	Annex 16/l 3 Chapter 3	86.9	94.0	80.0	89.0	94.9	98.0	None	B1010

Type Designation	Airframe Modification	MTOW (kg)	MLW (kg)	Engine	Engine Modification	Propeller	Regulation Ed./Amend. Chapter	Lateral Level (EPNdB)	Lateral Limit (EPNdB)	Flyover Level (EPNdB)	Flyover Limit (EPNdB)	Approach Level (EPNdB)	Approach Limit (EPNdB)	Notes	Record Number
DHC-8-311	None	19,504	19,051	Pratt & Whitney Canada PW123	None	Hamilton Sundstrand 14SF-23	Annex 16/l 3 Chapter 3	86.9	94.0	80.0	89.0	94.9	98.0	None	B1002
DHC-8-314	AFM Supplement 39 900 rpm Approach	18,643	18,144	Pratt & Whitney Canada PW123B	None	Hamilton Sundstrand 14SF-23	Annex 16/l 4 Chapter 3	87.3	94.0	79.9	89.0	94.8	98.0	None	B1013
DHC-8-314	AFM Supplement 39 900 rpm Approach	18,996	18,597	Pratt & Whitney Canada PW123B	None	Hamilton Sundstrand 14SF-23	Annex 16/l 4 Chapter 3	87.2	94.0	80.2	89.0	94.7	98.0	None	B1016
DHC-8-314	AFM Supplement 39 900 rpm Approach	19,504	19,051	Pratt & Whitney Canada PW123B	None	Hamilton Sundstrand 14SF-23	Annex 16/l 4 Chapter 3	87.2	94.0	80.7	89.0	94.5	98.0	None	B1019
DHC-8-314	AFM Supplement 39, 22 900 rpm Approach, 1100 rpm Takeoff	18,643	18,144	Pratt & Whitney Canada PW123B	None	Hamilton Sundstrand 14SF-23	Annex 16/l 4 Chapter 3	84.7	94.0	80.7	89.0	94.8	98.0	None	B1014
DHC-8-314	AFM Supplement 39, 22 900 rpm Approach, 1100 rpm Takeoff	18,996	18,597	Pratt & Whitney Canada PW123B	None	Hamilton Sundstrand 14SF-23	Annex 16/l 4 Chapter 3	84.6	94.0	81.0	89.0	94.7	98.0	None	B1017
DHC-8-314	AFM Supplement 39, 22 900 rpm Approach, 1100 rpm Takeoff	19,504	19,051	Pratt & Whitney Canada PW123B	None	Hamilton Sundstrand 14SF-23	Annex 16/l 4 Chapter 3	84.6	94.0	81.7	89.0	94.5	98.0	None	B1020
DHC-8-314	None	18,643	18,144	Pratt & Whitney Canada PW123B	None	Hamilton Sundstrand 14SF-23	Annex 16/l 4 Chapter 3	87.3	94.0	79.9	89.0	95.1	98.0	None	B1012
DHC-8-314	None	18,996	18,597	Pratt & Whitney Canada PW123B	None	Hamilton Sundstrand 14SF-23	Annex 16/l 4 Chapter 3	87.2	94.0	80.2	89.0	95.0	98.0	None	B1015
DHC-8-314	None	19,504	19,051	Pratt & Whitney Canada PW123B	None	Hamilton Sundstrand 14SF-23	Annex 16/l 4 Chapter 3	87.2	94.0	80.7	89.0	94.9	98.0	None	B1018
DHC-8-315	AFM Supplement 39 900 rpm Approach	18,643	18,144	Pratt & Whitney Canada PW123E	None	Hamilton Sundstrand 14SF-15	Annex 16/l 4 Chapter 3	87.0	94.0	79.5	89.0	94.8	98.0	None	B1028
DHC-8-315	AFM Supplement 39 900 rpm Approach	18,643	18,144	Pratt & Whitney Canada PW123E	None	Hamilton Sundstrand 14SF-23	Annex 16/l 4 Chapter 3	87.0	94.0	79.5	89.0	94.8	98.0	None	B1022
DHC-8-315	AFM Supplement 39 900 rpm Approach	18,996	18,597	Pratt & Whitney Canada PW123E	None	Hamilton Sundstrand 14SF-15	Annex 16/l 4 Chapter 3	87.0	94.0	79.8	89.0	94.7	98.0	None	B1030
DHC-8-315	AFM Supplement 39 900 rpm Approach	18,996	18,597	Pratt & Whitney Canada PW123E	None	Hamilton Sundstrand 14SF-23	Annex 16/l 4 Chapter 3	87.0	94.0	79.8	89.0	94.7	98.0	None	B1024
DHC-8-315	AFM Supplement 39 900 rpm Approach	19,504	19,051	Pratt & Whitney Canada PW123E	None	Hamilton Sundstrand 14SF-15	Annex 16/l 4 Chapter 3	86.9	94.0	80.0	89.0	94.5	98.0	None	B1032
DHC-8-315	AFM Supplement 39 900 rpm Approach	19,504	19,051	Pratt & Whitney Canada PW123E	None	Hamilton Sundstrand 14SF-23	Annex 16/l 4 Chapter 3	86.9	94.0	80.0	89.0	94.5	98.0	None	B1026
DHC-8-315	None	18,643	18,144	Pratt & Whitney Canada PW123E	None	Hamilton Sundstrand 14SF-15	Annex 16/l 4 Chapter 3	87.0	94.0	79.5	89.0	95.1	98.0	None	B1027

Type Designation	Airframe Modification	MTOW (kg)	MLW (kg)	Engine	Engine Modification	Propeller	Regulation Ed./Amend. Chapter	Lateral Level (EPNdB)	Lateral Limit (EPNdB)	Flyover Level (EPNdB)	Flyover Limit (EPNdB)	Approach Level (EPNdB)	Approach Limit (EPNdB)	Notes	Record Number
DHC-8-315	None	18,643	18,144	Pratt & Whitney Canada PW123E	None	Hamilton Sundstrand 14SF-23	Annex 16/l 4 Chapter 3	87.0	94.0	79.5	89.0	95.1	98.0	None	B1021
DHC-8-315	None	18,996	18,597	Pratt & Whitney Canada PW123E	None	Hamilton Sundstrand 14SF-15	Annex 16/l 4 Chapter 3	87.0	94.0	79.8	89.0	95.0	98.0	None	B1029
DHC-8-315	None	18,996	18,597	Pratt & Whitney Canada PW123E	None	Hamilton Sundstrand 14SF-23	Annex 16/l 4 Chapter 3	87.0	94.0	79.8	89.0	95.0	98.0	None	B1023
DHC-8-315	None	19,504	19,051	Pratt & Whitney Canada PW123E	None	Hamilton Sundstrand 14SF-15	Annex 16/l 4 Chapter 3	86.9	94.0	80.0	89.0	94.9	98.0	None	B1031
DHC-8-315	None	19,504	19,051	Pratt & Whitney Canada PW123E	None	Hamilton Sundstrand 14SF-23	Annex 16/l 4 Chapter 3	86.9	94.0	80.0	89.0	94.9	98.0	None	B1025
DHC-8-401	AFM Supplement 39 850 rpm Approach	27,987	27,442	Pratt & Whitney Canada PW150A	None	Dowty Propeller R408/6-123-F/17	Annex 16/l 4/8 Chapter 4	84.1	94.0	77.1	89.0	93.0	98.0	None	B1044
DHC-8-401	AFM Supplement 39 850 rpm Approach	28,690	27,783	Pratt & Whitney Canada PW150A	None	Dowty Propeller R408/6-123-F/17	Annex 16/l 5 Chapter 3	84.1	94.0	77.8	89.0	93.1	98.0	None	B1046
DHC-8-401	AFM Supplement 39 850 rpm Approach	28,998	28,009	Pratt & Whitney Canada PW150A	None	Dowty Propeller R408/6-123-F/17	Annex 16/l 4/8 Chapter 4	84.0	94.0	78.0	89.0	93.1	98.0	None	B1048
DHC-8-401	AFM Supplement 39 850 rpm Approach	29,257	28,009	Pratt & Whitney Canada PW150A	None	Dowty Propeller R408/6-123-F/17	Annex 16/l 4/8 Chapter 4	84.0	94.0	78.3	89.0	93.1	98.0	None	B1050
DHC-8-401	AFM Supplement 39 850 rpm Approach	29,574	28,123	Pratt & Whitney Canada PW150A	None	Dowty Propeller R408/6-123-F/17	Annex 16/l 4/8 Chapter 4	84.0	94.0	78.6	89.0	93.1	98.0	None	B1052
DHC-8-401	AFM Supplement 39, AFM Supplement 46 850 rpm Approach, TO with max TO-Power with disabled uptrim	27,987	27,442	Pratt & Whitney Canada PW150A	None	Dowty Propeller R408/6-123-F/17	Annex 16/l 4/8 Chapter 4	85.9	94.0	76.7	89.0	93.0	98.0	None	B1111
DHC-8-401	AFM Supplement 39, AFM Supplement 46 850 rpm Approach, TO with max TO-Power with disabled uptrim	28,998	28,009	Pratt & Whitney Canada PW150A	None	Dowty Propeller R408/6-123-F/17	Annex 16/l 4/8 Chapter 4	85.8	94.0	77.6	89.0	93.1	98.0	None	B1110
DHC-8-401	AFM Supplement 39, AFM Supplement 46 850 rpm Approach, TO with max TO-Power with disabled uptrim	29,257	28,009	Pratt & Whitney Canada PW150A	None	Dowty Propeller R408/6-123-F/17	Annex 16/l 4/8 Chapter 4	85.8	94.0	77.9	89.0	93.1	98.0	None	B1109
DHC-8-401	AFM Supplement 39, AFM Supplement 46 850 rpm Approach, TO with max TO-Power with disabled uptrim	29,574	28,123	Pratt & Whitney Canada PW150A	None	Dowty Propeller R408/6-123-F/17	Annex 16/l 4/8 Chapter 4	85.8	94.0	78.2	89.0	93.1	98.0	None	B1108

Type Designation	Airframe Modification	MTOW (kg)	MLW (kg)	Engine	Engine Modification	Propeller	Regulation Ed./Amend. Chapter	Lateral Level (EPNdB)	Lateral Limit (EPNdB)	Flyover Level (EPNdB)	Flyover Limit (EPNdB)	Approach Level (EPNdB)	Approach Limit (EPNdB)	Notes	Record Number
DHC-8-401	AFM Supplement 46 TO with max TO-Power with disabled uptrim	27,987	27,442	Pratt & Whitney Canada PW150A	None	Dowty Propeller R408/6-123-F/17	Annex 16/l 4/8 Chapter 4	85.9	94.0	76.7	89.0	94.9	98.0	None	B1107
DHC-8-401	AFM Supplement 46 TO with max TO-Power with disabled uptrim	28,998	28,009	Pratt & Whitney Canada PW150A	None	Dowty Propeller R408/6-123-F/17	Annex 16/l 4/8 Chapter 4	85.8	94.0	77.6	89.0	94.8	98.0	None	B1106
DHC-8-401	AFM Supplement 46 TO with max TO-Power with disabled uptrim	29,257	28,009	Pratt & Whitney Canada PW150A	None	Dowty Propeller R408/6-123-F/17	Annex 16/l 4/8 Chapter 4	85.8	94.0	77.9	89.0	94.8	98.0	None	B1105
DHC-8-401	AFM Supplement 46 TO with max TO-Power with disabled uptrim	29,574	28,123	Pratt & Whitney Canada PW150A	None	Dowty Propeller R408/6-123-F/17	Annex 16/l 4/8 Chapter 4	85.8	94.0	78.2	89.0	94.8	98.0	None	B1104
DHC-8-401	None	27,987	27,442	Pratt & Whitney Canada PW150A	None	Dowty Propeller R408/6-123-F/17	Annex 16/l 4/8 Chapter 4	84.1	94.0	77.1	89.0	94.9	98.0	None	B1043
DHC-8-401	None	28,690	27,783	Pratt & Whitney Canada PW150A	None	Dowty Propeller R408/6-123-F/17	Annex 16/l 5 Chapter 3	84.1	94.0	77.8	89.0	94.9	98.0	None	B1045
DHC-8-401	None	28,998	28,009	Pratt & Whitney Canada PW150A	None	Dowty Propeller R408/6-123-F/17	Annex 16/l 4/8 Chapter 4	84.0	94.0	78.0	89.0	94.8	98.0	None	B1047
DHC-8-401	None	29,257	28,009	Pratt & Whitney Canada PW150A	None	Dowty Propeller R408/6-123-F/17	Annex 16/l 4/8 Chapter 4	84.0	94.0	78.3	89.0	94.8	98.0	None	B1049
DHC-8-401	None	29,574	28,123	Pratt & Whitney Canada PW150A	None	Dowty Propeller R408/6-123-F/17	Annex 16/l 4/8 Chapter 4	84.0	94.0	78.6	89.0	94.8	98.0	None	B1051
DHC-8-402	AFM Supplement 39 850 rpm Approach	27,987	27,442	Pratt & Whitney Canada PW150A	None	Dowty Propeller R408/6-123-F/17	Annex 16/l 4/8 Chapter 4	84.1	94.0	77.1	89.0	93.0	98.0	None	B1054
DHC-8-402	AFM Supplement 39 850 rpm Approach	28,690	27,783	Pratt & Whitney Canada PW150A	None	Dowty Propeller R408/6-123-F/17	Annex 16/l 5 Chapter 3	84.1	94.0	77.8	89.0	93.1	98.0	None	B1056
DHC-8-402	AFM Supplement 39 850 rpm Approach	28,998	28,009	Pratt & Whitney Canada PW150A	None	Dowty Propeller R408/6-123-F/17	Annex 16/l 4/8 Chapter 4	84.0	94.0	78.0	89.0	93.1	98.0	None	B1058
DHC-8-402	AFM Supplement 39 850 rpm Approach	29,257	28,009	Pratt & Whitney Canada PW150A	None	Dowty Propeller R408/6-123-F/17	Annex 16/l 4/8 Chapter 4	84.0	94.0	78.3	89.0	93.1	98.0	None	B1060
DHC-8-402	AFM Supplement 39 850 rpm Approach	29,574	28,123	Pratt & Whitney Canada PW150A	None	Dowty Propeller R408/6-123-F/17	Annex 16/l 4/8 Chapter 4	84.0	94.0	78.6	89.0	93.1	98.0	None	B1062
DHC-8-402	AFM Supplement 39, AFM Supplement 46 850 rpm Approach, TO with max TO-Power with disabled uptrim	27,987	27,442	Pratt & Whitney Canada PW150A	None	Dowty Propeller R408/6-123-F/17	Annex 16/l 4/8 Chapter 4	85.9	94.0	76.7	89.0	93.0	98.0	None	B1119
DHC-8-402	AFM Supplement 39, AFM Supplement 46 850 rpm Approach, TO with max TO-Power with disabled uptrim	28,998	28,009	Pratt & Whitney Canada PW150A	None	Dowty Propeller R408/6-123-F/17	Annex 16/l 4/8 Chapter 4	85.8	94.0	77.6	89.0	93.1	98.0	None	B1118

Type Designation	Airframe Modification	MTOW (kg)	MLW (kg)	Engine	Engine Modification	Propeller	Regulation Ed./Amend. Chapter	Lateral Level (EPNdB)	Lateral Limit (EPNdB)	Flyover Level (EPNdB)	Flyover Limit (EPNdB)	Approach Level (EPNdB)	Approach Limit (EPNdB)	Notes	Record Number
DHC-8-402	AFM Supplement 39, AFM Supplement 46 850 rpm Approach, TO with max TO-Power with disabled uptrim	29,257	28,009	Pratt & Whitney Canada PW150A	None	Dowty Propeller R408/6-123-F/17	Annex 16/l 4/8 Chapter 4	85.8	94.0	77.9	89.0	93.1	98.0	None	B1117
DHC-8-402	AFM Supplement 39, AFM Supplement 46 850 rpm Approach, TO with max TO-Power with disabled uptrim	29,574	28,123	Pratt & Whitney Canada PW150A	None	Dowty Propeller R408/6-123-F/17	Annex 16/l 4/8 Chapter 4	85.8	94.0	78.2	89.0	93.1	98.0	None	B1116
DHC-8-402	AFM Supplement 46 TO with max TO-Power with disabled uptrim	27,987	27,442	Pratt & Whitney Canada PW150A	None	Dowty Propeller R408/6-123-F/17	Annex 16/l 4/8 Chapter 4	85.9	94.0	76.7	89.0	94.9	98.0	None	B1115
DHC-8-402	AFM Supplement 46 TO with max TO-Power with disabled uptrim	28,998	28,009	Pratt & Whitney Canada PW150A	None	Dowty Propeller R408/6-123-F/17	Annex 16/l 4/8 Chapter 4	85.8	94.0	77.6	89.0	94.8	98.0	None	B1114
DHC-8-402	AFM Supplement 46 TO with max TO-Power with disabled uptrim	29,257	28,009	Pratt & Whitney Canada PW150A	None	Dowty Propeller R408/6-123-F/17	Annex 16/l 4/8 Chapter 4	85.8	94.0	77.9	89.0	94.8	98.0	None	B1113
DHC-8-402	AFM Supplement 46 TO with max TO-Power with disabled uptrim	29,574	28,123	Pratt & Whitney Canada PW150A	None	Dowty Propeller R408/6-123-F/17	Annex 16/l 4/8 Chapter 4	85.8	94.0	78.2	89.0	94.8	98.0	None	B1112
DHC-8-402	None	27,987	27,442	Pratt & Whitney Canada PW150A	None	Dowty Propeller R408/6-123-F/17	Annex 16/l 4/8 Chapter 4	84.1	94.0	77.1	89.0	94.9	98.0	None	B1053
DHC-8-402	None	28,690	27,783	Pratt & Whitney Canada PW150A	None	Dowty Propeller R408/6-123-F/17	Annex 16/l 5 Chapter 3	84.1	94.0	77.8	89.0	94.9	98.0	None	B1055
DHC-8-402	None	28,998	28,009	Pratt & Whitney Canada PW150A	None	Dowty Propeller R408/6-123-F/17	Annex 16/l 4/8 Chapter 4	84.0	94.0	78.0	89.0	94.8	98.0	None	B1057
DHC-8-402	None	29,257	28,009	Pratt & Whitney Canada PW150A	None	Dowty Propeller R408/6-123-F/17	Annex 16/l 4/8 Chapter 4	84.0	94.0	78.3	89.0	94.8	98.0	None	B1059
DHC-8-402	None	29,574	28,123	Pratt & Whitney Canada PW150A	None	Dowty Propeller R408/6-123-F/17	Annex 16/l 4/8 Chapter 4	84.0	94.0	78.6	89.0	94.8	98.0	None	B1061

Administration

I. Acronyms and Abbreviations

Acronym / Abbreviation	Definition
Ed./Amend.	Edition/Amendment
EPNdB	Effective perceived noise decibel
MTOW	Maximum take-off weight
MLW	Maximum landing weight
Regulation Annex 16/I	ICAO Annex 16 Volume I
TCDSN	Type Certificate Data Sheet for Noise

II. Type Certificate Holder Record

TCH Record	Period
De Havilland Aircraft Company of Canada 5800 Explorer Drive Mississauga Ontario L4W 5K9 CANADA	Initial issue
De Havilland Aircraft of Canada Limited 4100 Westwinds Drive Calgary Alberta T3J 4L2 Canada	Since 28 August 2025 (current)

III. Amendment Record

TCDSN Issue No.	TCDSN Issue Date	Changes	TC Issue and Date
1	24 January 2023	The content of the first issue is based on EASA TCDSN EASA.IM.A.191 Issue 6, the issue current on 31 December 2020.	Issue 1 24 January 2023
2	31 March 2026	TCH address updated	Issue 2 31 March 2026