

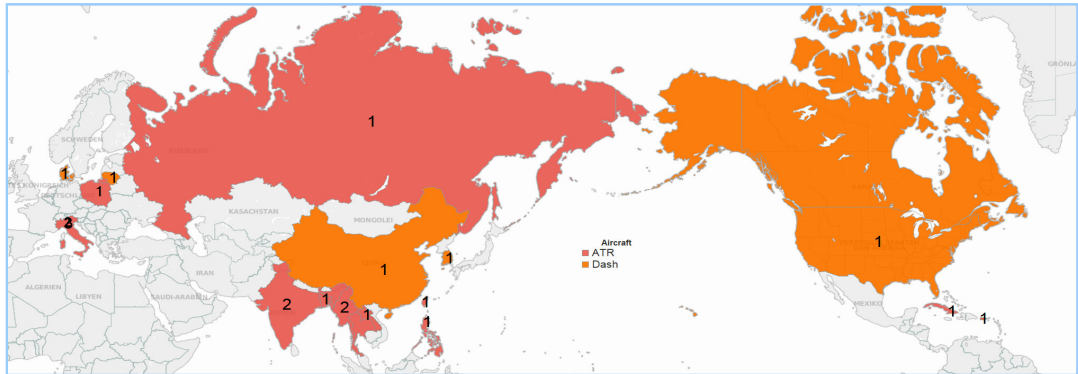
**JACDEC ANALYSIS - Quick Datasheet**  
**A Safety Comparison between**  
**Bombardier DHC-8-400 and ATR-72**  
**Over a period of 15 years (1999 - 2013)**



	Bombardier DHC-8-400 "Dash 8"		ATR-72	
<b>Role:</b>	Regional Turboprop Aircraft		Regional Turboprop Aircraft	
<b>Seat Capacity:</b>	68 - 80 Passengers		68 - 74 Passengers	
<b>Powerplant:</b>	2x Pratt & Whitney Canada PW150A Turboprop		2x Pratt & Whitney Canada PW127 Turboprop	
<b>Entry of commercial service:</b>	Summer 1999		Q4 1989 (Finnair)	
<b>Number built (as of OCT 01 2013):</b>	448		651	
<b>Number of Hull Losses:</b>	6		15	
<b>Number of Serious Incidents:</b>	19		35	
<b>Number of on board fatalities:</b>	49		169	
<b>Number of on board injured:</b>	17		89	
<b>Hull Losses per year ('99 - 2013):</b>	0,40		1,00	
<b>Fatalities per year ('99 - 2013):</b>	3,27		11,27	
<b>Hull Losses by Airframes ('99 -2013):</b>	0,01	1,36 %	0,02	2,21 %
<b>Hull Losses by Region</b>				
<b>Africa</b>				
<b>Asia / Pacific</b>	2	33,33 %	6	40,00 %
<b>Eurasia</b>	1	16,67 %	1	6,67 %
<b>Europe</b>	1	16,67 %	3	20,00 %
<b>Latin America</b>			2	13,33 %
<b>Mid-East Asia</b>			3	20,00 %
<b>North America</b>	2	33,33 %		
<b>International Territory:</b>				

**JACDEC ANALYSIS**  
SAFETY COMPARISON DHC-8-400 vs. ATR-72

**HULL LOSS ACCIDENT DISTRIBUTION MAP**



■ = DHC-8-400 accident country

■ = ATR-72 accident country

Canada	1x	Bangladesh	1x
China	1x	Cuba	1x
Denmark	1x	India	2x
Lithuania	1x	Italy	2x
South Korea	1x	Laos	1x
USA	1x	Myanmar	2x
		Philippines	1x
		Puerto Rico	1x
		Poland	1x
		Russia	1x
		Taiwan	1x
		Thailand	1x

**CURRENT OPERATOR LIST**

DHC-8-400		ATR-72	
Operators	Fleet Size	Operators	Fleet Size
Alaska Horizon	48	Azul Linhas Aéreas Brasileiras	26
FlyBE	43	Wings Abadi Air	24
Republic AL	30	TRIP Linhas Aéreas	19
Sunstate AL / QantasLink	30	Jet AW	17
Porter AL	26	UTair Avn	15
Jazz Air	21	FedEx	15
ANA Wings	21	Executive AL / American Eagle	14
SpiceJet	15	Mount Cook AL	14
Austrian	14	Firefly	13
Air Baltic	12	Virgin Australia Regional AL	13
Japan Air Commuter	11	Vietnam AL	12
Wideroe	10	FlyBE Finland	12
Pantheon AW	10	Farnair Switzerland	12
LGW Luftfahrtges. Walter	10	Air Algérie	12
South African Express	9	Aer Arann	11
EuroLOT	8	MASwings	11
Augsburg AW	8	Swiftair	11
Ethiopian AL	7	Air Contractors Ireland	11
Blue Bird Avn	7	Air Dolomiti	11

**JACDEC ANALYSIS**  
DHC-8-400 versus ATR-72

Luxair	6
LAN Colombia	6
Croatia AL	6
HM AW	6
Sky Regional AL	6
Air Niugini	6
Asky	6
Brussels AL	5
PAL Express	5
WestJet Encore	4
Tassili AL	4
SATA Air Açores	4
Colgan Air	3
SAS	3
LAM Mozambique	3
SkyWork AL	3
Yakutia AL	3
Arik Air	2
Hydro-Québec	2
Eznis AW	2
Darwin Airline	2
AeroContractors	2
Sécurité Civile	2
Smartair	2
Private users in UK	1
748 Air Svcs	1
Abu Dhabi Avn	1
Endeavor Air	1
U S Department of Justice	1
SAS Commuter	0
Air Nippon Network	0
Lynx Avn / Frontier Express	0
Yemenia	0
Jeju Air	0
World Wide A/c Ferry.	0
Malév	0
Moçambique EXpresso	0
Saratov AL	0
Chang An AL	0
Island Air	0
Skyservice Business Avn	0
Baboo AW	0
Royal Jordanian AL	0
Olympic AL	0
RwandAir	0
Swiss IntÖl AL	0
Nordflyg	0

TransAsia AW	9
Kingfisher AL	9
Bangkok AW	8
NAYSA Aerotaxis	8
Cebu Pacific Air	8
Airlinair	7
Iran Aseman AL	7
Passaredo Linhas Aéreas	6
Air Tahiti	6
EuroLOT	6
CSA Czech AL	6
Air KBZ	6
Islas AW	6
Air Serbia	6
Air Nostrum / Iberia Regional	5
Air France	5
Lao AL	5
Precision Air	5
Uni Air	5
Air Mandalay	5
Caribbean AL	5
Private users in France	5
Nok Air	5
UTair Ukraine	5
Canair	5
Island Air	5
Arkia Israeli AL	5
Yangon AW	5
Air Corsica	4
Danish Air Transport	4
West Atlantic Sweden	4
Royal Air Maroc Express	4
Cambodia Angkor Air	4
Aeronautica Militare Italiana	4
Aero Caribbean	4
BH AL	4
Danube Wings	4
Cimber Sterling	3
LIAT	3
Aurigny Air Svcs	3
Air Caraïbes	3
Antrak Air Ghana	3
Tunisair Express	3
Bora Jet	3
Royal Thai AF	3
InterSky	3
BQB Líneas Aéreas	3
Overland AW	3
United AW	3
Buddha Air	3
Belle Air	3
ConViasa	3
Trigana Air Svc	3
Air Austral	3
Malindo AW	3
Fly540 Angola	3
Air Calédonie	3
Binter Canarias	2
UTair Express	2
Avianca Colombia	2
Deccan 360	2
Braathens Regional	2
SAS	2
VASCO	2
Air Bagan Myanmar	2
Berjaya Air	2
Air Mauritius	2
Blue1	2
Solenta Avn	2
Helitt Linéas Aéreas	2
TACV Cabo Verde AL	2
First Air	2
KalStar Avn	2
Calm Air Intl / Air Canada Reg.	2
Syrianair	2
Air Madagascar	2

**JACDEC ANALYSIS**  
DHC-8-400 versus ATR-72

LGW Luftfahrtges. Walter	2
Afric Avn	2
Aeromar AL	2
Asian Wings AW	2
CEIBA Intercontinental GE	2
Israir	2
Myanmar AF	2
SATENA Colombia	2
AnadoluJet	2
Air Europa	2
Pakistan Navy	2
Tarom	2
MAP Linhas Aéreas	2
Kingfisher Red	1
Türk Deniz Kuvvetleri	1
Rheinland Air Svc	1
Myanma AW	1
Darwin Airline	1
Avanti Air	1
Next Jet	1
Sverigeflyg	1
Air Niugini	1
FlyMe Maldives	1
Alsie Express	1
Air Botswana	1
Air Vanuatu	1
Pelita Air Svc	1
Air Kasai	1
Morningstar Air Express	1
Fly540 Ghana	1
Fars Air Qeshm	1
Falcon Air Express	1
Simmons AL / American Eagle	0
American Eagle AL	0
Garuda Indonesia	0
Citilink Express	0
ASA / Delta Connection	0
Eurowings Luftverkehrs	0
Alitalia Express	0
Siem Reap AW IntÖI	0
TAT European AL	0
Finnair	0
Aero AL	0
LOT Polish AL	0
Khalifa AW	0
British AW	0
FlyBE	0
Gill AW	0
Olympic AL	0
CityFlyer Express	0
Olympic Avn	0
OLT Jetair	0
ContactAir Flugdienst	0
NFD Luftverkehrs	0
Flagship AL / American Eagle	0
Kar-Air	0
United Nations Organisation	0
China Southern AL	0
Aegean AL	0
FlairJet Luftverkehrsges.	0
China Xinjiang AL	0
KLM Cityhopper UK	0
Hansung AL	0
Aéropostale	0
Azerbaijan AL Avia	0
Maya Island Air	0
British AW Citiexpress	0
LAI	0
Intair Link	0
Fly540 com	0
Air Lib	0
Cambodian AL	0
Trans States AL	0
DOT LT	0
QuikJet Cargo AL	0
ExpressJet AL	0

**JACDEC ANALYSIS**  
DHC-8-400 versus ATR-72

Air Greece	0
Royal Air Cambodge	0
Link	0
Flitestar / Air Cape	0
Origin Pacific AW	0
Air Littoral	0
British World AL	0
Total Linhas Aéreas	0
Golden Myanmar AL	0
Air Southwest	0
Alitalia	0
Air Gabon	0
Air Srpska	0
BWIA West Indies AW	0
Air Atlantique	0
Flitestar	0
Brit'Air	0
BAC Express AL	0
European Air Express	0
Jet Time	0
Carpatair	0
RVL Avn	0
Thai AW Int'OI	0
Sky Team	0
Skyways	0
SABENA	0
Euromanx	0
OnAir	0
Meridiana	0
Westair Luxembourg	0
Euroscot Express AW	0
Federal Air	0
Mauritania AW	0
Plaza Lineas Aereas	0
LAMIA	0
PIA	0
Senegal AL	0
GoodFly	0
Air-Berlin	0
AL of Papua New Guinea	0
Merpati Nusantara AL	0
Sun Air	0
Aero Svit AL	0
Dutch Antilles Express	0
Cretan AW	0
Eastern AW	0
Air Kiribati	0
Belle Air Europe	0
HollandExel	0
Confort AL	0
Fits Avn	0
Alisea AL	0
Air Italice	0

Sources: JACDEC-Database, AIRLINEprofiler, ATR, Alenia, Bombardier, Airlinerlist.com

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