



Challenger 350 vs Gulfstream G500, Global 5500, & Global XRS



**BOMBARDIER
CHALLENGER 350**



GULFSTREAM G500



**BOMBARDIER GLOBAL
5500**



**BOMBARDIER GLOBAL
EXPRESS XRS**

Prepared for Flying Fox, LLC

BRIEF AIRCRAFT DETAILS, UTILIZATION LEVELS AND HOURLY VARIABLE COST

DETAILS	BOMBARDIER CHALLENGER 350	GULFSTREAM G500	BOMBARDIER GLOBAL 5500	BOMBARDIER GLOBAL EXPRESS XRS
TYPICAL PASSENGER CAPACITY	2/9	2/13	2/13	2/13
NORMAL CRUISE (KTS/MPH)	460/529	499/574	490/564	490/564
COST PER NM	\$ 8.18	\$ 10.39	\$ 12.64	\$ 13.93
SEATS FULL RANGE (NM/SM)	3,300/3,798	5,100/5,869	5,900/6,790	6,000/6,905
AVG. PRE-OWNED PRICE	\$ 18,144,483	\$ 41,246,875	\$ 35,500,000	\$ 15,652,679
ANNUAL UTILIZATION				
ANNUAL OWNER HRS	175	175	175	175
FUEL COST PER GALLON	\$ 4	\$ 4	\$ 4	\$ 4
TOTAL HRS	175	175	175	175
MILEAGE FOR OWNER HOURS (NM)	73,500	76,125	76,125	75,250
OWNER HOURLY COST ANALYSIS				
FUEL USAGE (GALLONS PER HOUR)	282	432	450	505
FUEL COST PER HRS	\$ 1,128	\$ 1,728	\$ 1,800	\$ 2,020
FUEL COST PER GALLON	\$ 4	\$ 4	\$ 4	\$ 4
AIRFRAME MAINTENANCE	\$ 1,018	\$ 1,238	\$ 1,714	\$ 2,125
ENGINE / APU MAINTENANCE	\$ 1,192	\$ 1,696	\$ 2,157	\$ 2,157
TOTAL MAINTENANCE	\$ 2,210	\$ 2,934	\$ 3,871	\$ 4,282
CREW MISC.	\$ 425	\$ 525	\$ 525	\$ 525
TOTAL VARIABLE COST PER HRS	\$ 3,763	\$ 5,187	\$ 6,196	\$ 6,827
TOTAL FIXED COST	\$ 4,223.43	\$ 5,294.86	\$ 5,977.14	\$ 5,861.14
TOTAL HOURLY COST	\$ 7,986	\$ 10,481	\$ 12,173	\$ 12,688

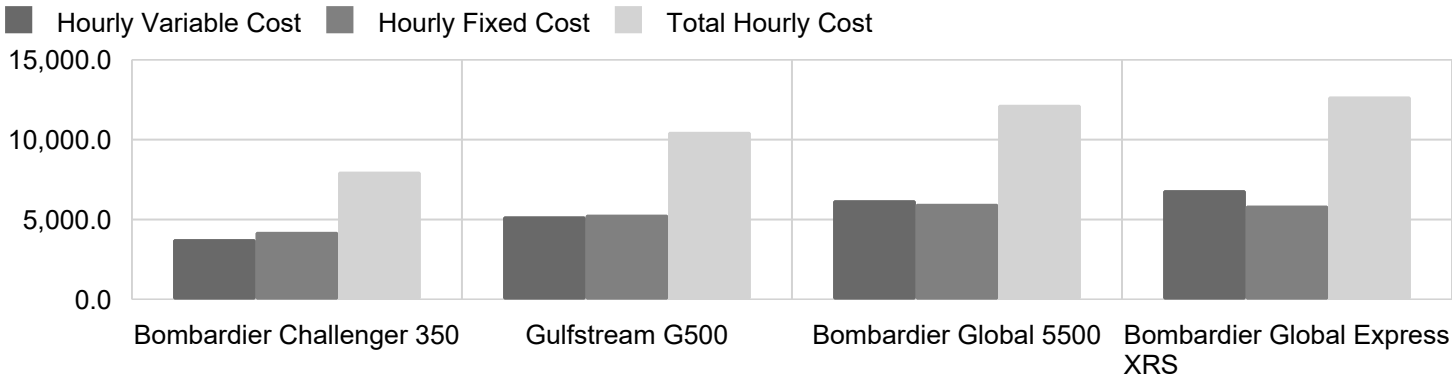
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BRIEF AIRCRAFT DETAILS, UTILIZATION LEVELS AND HOURLY VARIABLE COST



HOURLY VARIABLE COST



TOTAL ANNUAL VARIABLE COST(S)

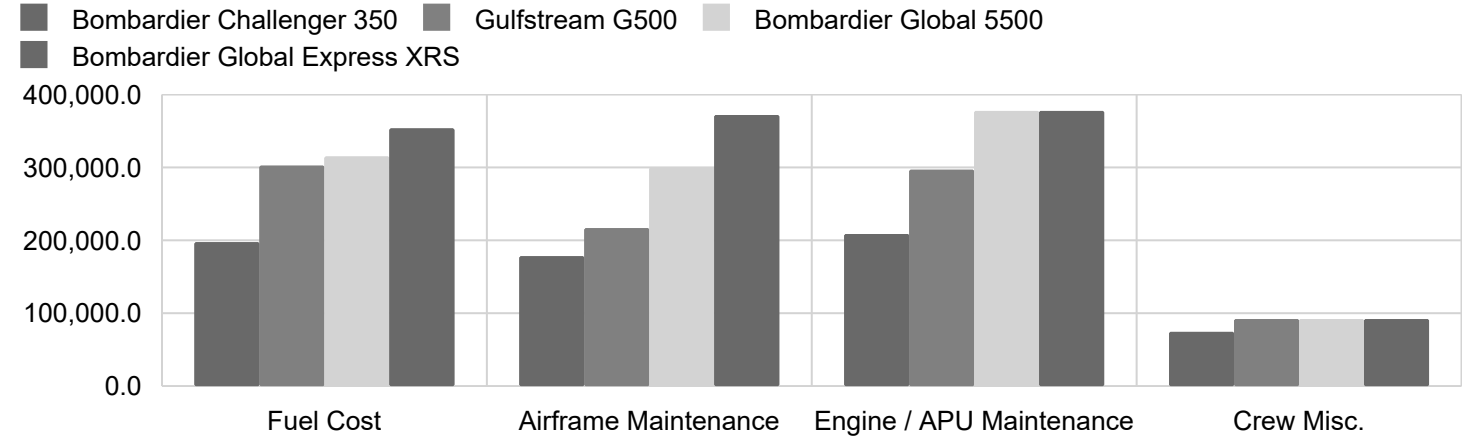


VARIABLES	BOMBARDIER CHALLENGER 350	GULFSTREAM G500	BOMBARDIER GLOBAL 5500	BOMBARDIER GLOBAL EXPRESS XRS
OWNER HOURS PER YEAR	175	175	175	175
TOTAL HOURS PER YEAR	175	175	175	175
FUEL COST PER GALLON	\$ 4.00	\$ 4.00	\$ 4.00	\$ 4.00
TOTAL FUEL GALLONS	49,350	75,600	78,750	88,375

ANNUAL VARIABLE COSTS

FUEL COST	\$ 197,400	\$ 302,400	\$ 315,000	\$ 353,500
AIRFRAME MAINTENANCE	\$ 178,150	\$ 216,650	\$ 299,950	\$ 371,875
ENGINE AND APU MAINTENANCE	\$ 208,600	\$ 296,800	\$ 377,475	\$ 377,475
CREW MISC.	\$ 74,375	\$ 91,875	\$ 91,875	\$ 91,875
TOTAL ANNUAL VARIABLE COSTS	\$ 658,525	\$ 907,725	\$ 1,084,300	\$ 1,194,725

Annual Variable Costs

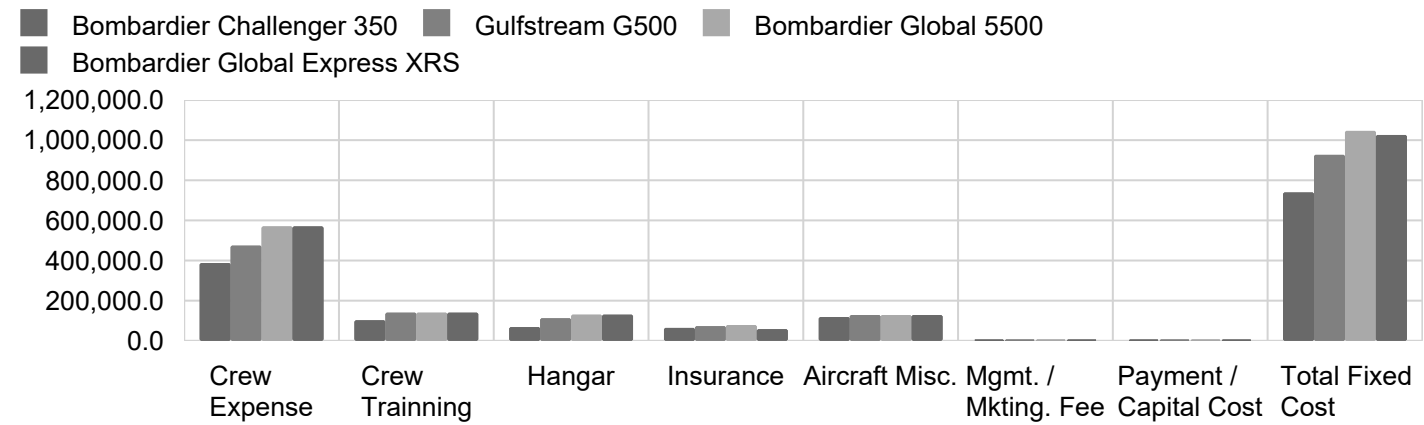


TOTAL ANNUAL FIXED COST(S)



ANNUAL FIXED COSTS	BOMBARDIER CHALLENGER 350	GULFSTREAM G500	BOMBARDIER GLOBAL 5500	BOMBARDIER GLOBAL EXPRESS XRS
CAPTAIN SALARY	\$ 224,400	\$ 278,400	\$ 300,000	\$ 300,000
CO-PILOT SALARY	\$ 162,700	\$ 195,700	\$ 270,000	\$ 270,000
CREW TRAINING	\$ 102,000	\$ 140,000	\$ 140,000	\$ 140,000
HANGAR	\$ 68,000	\$ 112,000	\$ 130,000	\$ 130,000
INSURANCE	\$ 64,000	\$ 72,500	\$ 78,000	\$ 57,700
AIRCRAFT MISC.	\$ 118,000	\$ 128,000	\$ 128,000	\$ 128,000
TOTAL FIXED COST	\$ 739,100	\$ 926,600	\$ 1,046,000	\$ 1,025,700

Annual Fixed Costs



ANNUAL OPERATIONAL COST



ANNUAL COST COMPARISON	BOMBARDIER CHALLENGER 350	GULFSTREAM G500	BOMBARDIER GLOBAL 5500	BOMBARDIER GLOBAL EXPRESS XRS
OWNER HOURS PER YEAR	175	175	175	175
TOTAL HOURS PER YEAR	175	175	175	175
FUEL COST PER GALLON	\$ 4	\$ 4	\$ 4	\$ 4
TOTAL FUEL GALLONS	49,350	75,600	78,750	88,375
ANNUAL VARIABLE COSTS				
FUEL COST	\$ 197,400	\$ 302,400	\$ 315,000	\$ 353,500
AIRFRAME MAINTENANCE	\$ 178,150	\$ 216,650	\$ 299,950	\$ 371,875
ENGINE APU MAINTENANCE	\$ 208,600	\$ 296,800	\$ 377,475	\$ 377,475
CREW MISC.	\$ 74,375	\$ 91,875	\$ 91,875	\$ 91,875
TOTAL VARIABLE COST	\$ 658,525	\$ 907,725	\$ 1,084,300	\$ 1,194,725
ANNUAL FIXED COSTS				
CAPTAIN SALARY	\$ 224,400	\$ 278,400	\$ 300,000	\$ 300,000
CO-PILOT SALARY	\$ 162,700	\$ 195,700	\$ 270,000	\$ 270,000
CREW TRAINING	\$ 102,000	\$ 140,000	\$ 140,000	\$ 140,000
HANGAR	\$ 68,000	\$ 112,000	\$ 130,000	\$ 130,000
INSURANCE	\$ 64,000	\$ 72,500	\$ 78,000	\$ 57,700
AIRCRAFT MISCELLANEOUS	\$ 118,000	\$ 128,000	\$ 128,000	\$ 128,000
TOTAL FIXED COST	\$ 739,100	\$ 926,600	\$ 1,046,000	\$ 1,025,700
ANNUAL BUDGET				
ANNUAL BUDGET	\$ 1,397,624	\$ 1,834,325	\$ 2,130,300	\$ 2,220,425
MONTHLY BUDGET				
MONTHLY BUDGET	\$ 116,468	\$ 152,860	\$ 177,525	\$ 185,035
HOURLY COST				
TOTAL HOURLY COST	\$ 7,986	\$ 10,481	\$ 12,173	\$ 12,688

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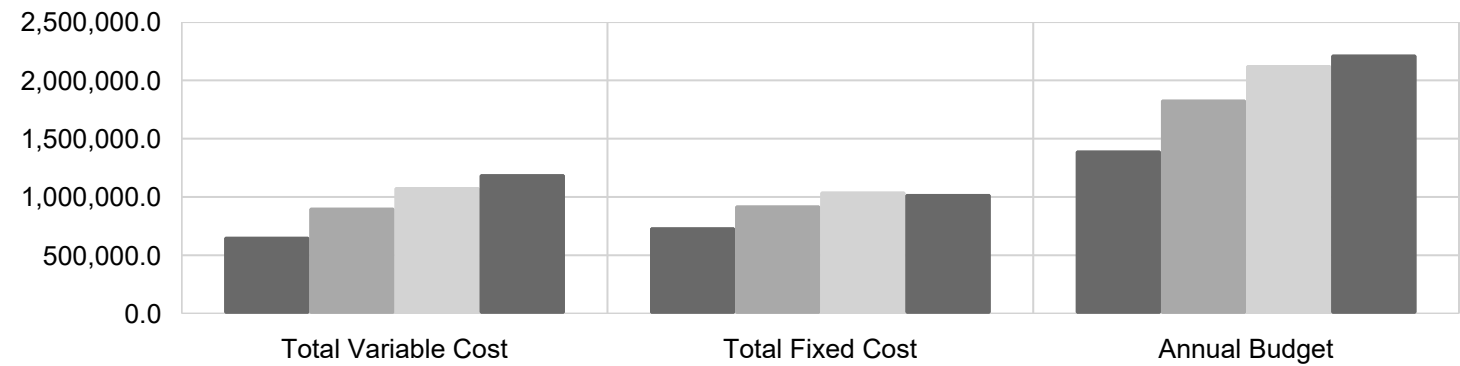
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ANNUAL OPERATIONAL COST



Annual Operational Cost

■ Bombardier Challenger 350 ■ Gulfstream G500 ■ Bombardier Global 5500
■ Bombardier Global Express XRS



SPECIFICATION SHEET



	BOMBARDIER CHALLENGER 350	GULFSTREAM G500	BOMBARDIER GLOBAL 5500	BOMBARDIER GLOBAL EXPRESS XRS
BASIC VARIABLE COST DATA				
AIRFRAME MAINTENANCE PER HOUR	\$ 1,018	\$ 1,238	\$ 1,714	\$ 2,125
ENGINE / APU MAINTENANCE PER HOUR	\$ 1,192	\$ 1,696	\$ 2,157	\$ 2,157
FUEL COST BASED ON GALLONS PER HOUR	\$ 1,128	\$ 1,728	\$ 1,800	\$ 2,020
OTHER VARIABLE COSTS	\$ 425	\$ 525	\$ 525	\$ 525
TOTAL VARIABLE COST PER HOUR	\$ 3,763	\$ 5,187	\$ 6,196	\$ 6,827
COST PER NM	\$ 8.18	\$ 10.39	\$ 12.64	\$ 13.93
ADDITIONAL AIRCRAFT INFORMATION				
BAGAGE CAPACITY EXT/INT FT^3	0 / 106	0 / 230	0 / 195	0 / 195
CABIN HEIGHT FEET	6'1"	6'3"	6'3"	6'3"
CABIN WIDTH FEET	7'2"	7'7"	7'10"	8'2"
CABIN LENGTH FEET	28'7"	41'6"	40'10"	48'4"
CABIN VOLUME FT^3	1,256	1,987	2,019	2,469
YEARS IN PRODUCTION	2014-Present	2018-Present	2020-Present	2005-2012
AVERAGE PRE-OWNED PRICE	\$ 18,144,483	\$ 41,246,875	\$ 35,500,000	\$ 15,652,679
AVIONICS	Collins Pro-Line 21	Gulfstream Symetry Flight Deck	Vision Flight Deck	Honeywell Primus 2000XP
BASIC AIRCRAFT PERFORMANCE DATA				
SEATS FULL RANGE(NM / SM)	3,300 / 3,798	5,100 / 5,869	5,900 / 6,790	6,000 / 6,905
FERRY RANGE(NO PAYLOAD)(NM / SM)	3,400/3,913	5,500/6,329	6,100/7,020	6,200/7,135
BALANCE FIELD LENGTH * (TAKE - OFF DISTANCE IN FEET)	5,100	5,400	5,100	6,200
LANDING DISTANCE FEET	2,700	3,487	2,500	2,500
AVERAGE BLOCK SPEED (KTS / MPH)	420/483	435/501	435/501	430/495
NORMAL CRUISE (KTS/MPH)	460 / 529	499 / 574	490 / 564	490 / 564
LONG RANGE CRUISE SPEED (KTS / MPH)	450/518	488/562	470/541	470/541
MAXIMUM CRUISE SPEED (KTS / MPH)	470/541	515/593	510/587	510/587
FUEL USAGE (GPH)	282	432	450	505

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SPECIFICATION SHEET

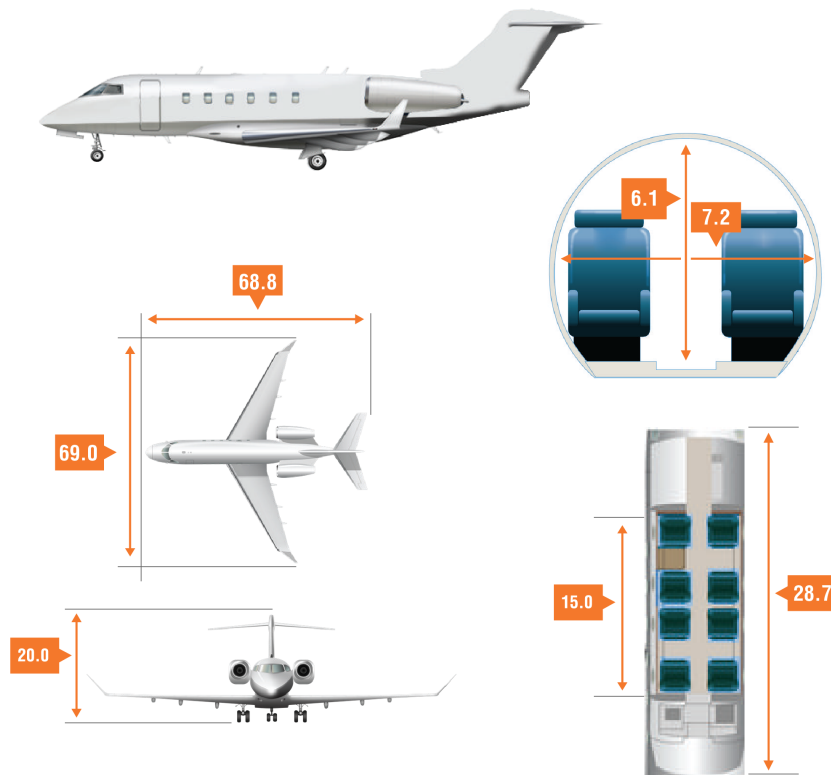


SERVICE CEILING FEET	45,000	51,000	51,000	51,000
USEFUL PAYLOAD WITH FULL FUEL LBS	1,900	2,800	3,000	2,400
MAX RAMP WEIGHT LBS	40,750	80,000	92,750	98,250
MAXIMUM TAKE OFF WEIGHT LBS	40,600	79,600	92,500	98,000
MAXIMUM LANDING WEIGHT LBS	34,150	64,350	78,600	78,600
BASIC OPERATING WEIGHT LBS	24,700	46,750	50,800	51,100
TOTAL USABLE FUEL WEIGHT LBS	14,000	28,850	39,250	44,600
WINGSPAN FEET	69'0"	86'3"	94'0"	94'0"
FUSELAGE FEET	68'8"	8'8"	96'9"	93'3"
POWERPLANT MODEL	Honeywell Engines HTF7350B	Pratt & Whitney Canada PW814GA	Rolls Royce Pearl 15	Rolls Royce BR 710-A2-20
QUANTITY/THRUST (LBS)	2/7530	2/15144	2/15,125	2/14750

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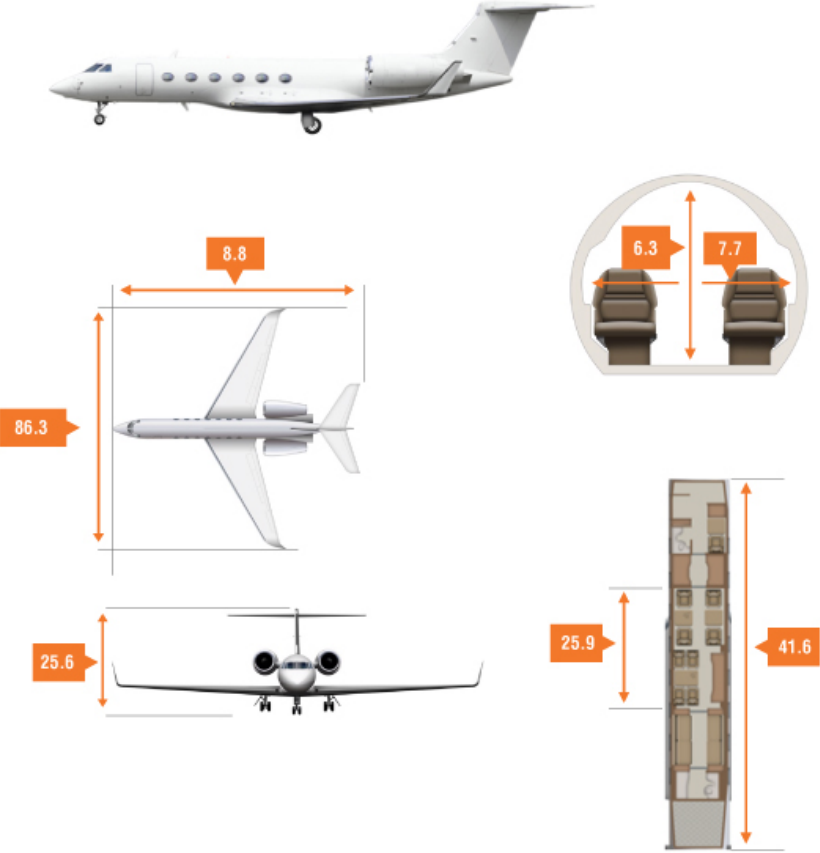
BOMBARDIER CHALLENGER 350

- ✓ Interior Floorplan
- ✓ Exterior
- ✓ Cross Section



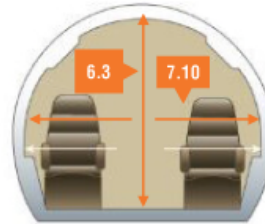
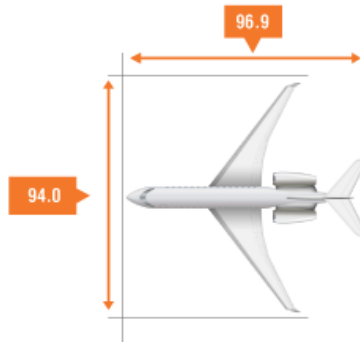
GULFSTREAM G500

- ✓ Interior Floorplan
- ✓ Exterior
- ✓ Cross Section



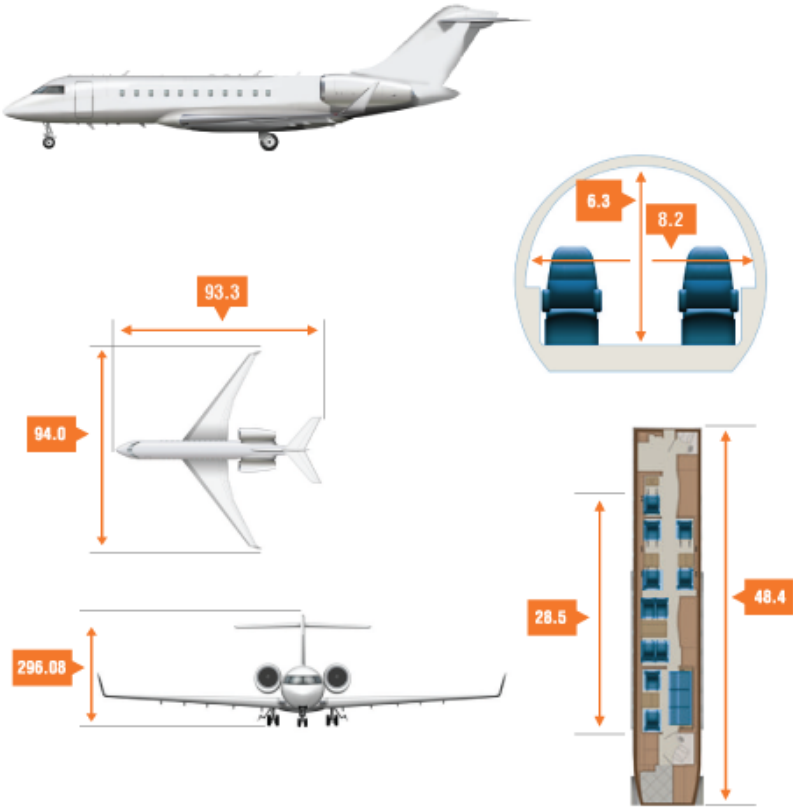
BOMBARDIER GLOBAL 5500

- ✓ Interior Floorplan
- ✓ Exterior
- ✓ Cross Section



**BOMBARDIER GLOBAL
EXPRESS XRS**

- ✓ Interior Floorplan
- ✓ Exterior
- ✓ Cross Section



DEPRECIATION ANALYSIS



Bombardier Challenger 350

Full Price of Aircraft \$	18,144,483							
	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Year 7	Year 8
Rate (%)	20.00	32.00	19.20	11.52	11.52	5.76	0.00	0.00
Depreciation \$	3,628,897	5,806,235	3,483,741	2,090,244	2,090,244	1,045,122	0	0
Depreciation Value \$	14,515,586	8,709,352	5,225,611	3,135,367	1,045,122	0	0	0
Cumulative Depreciation \$	3,628,897	9,435,131	12,918,872	15,009,116	17,099,361	18,144,483	18,144,483	18,144,483
Adjusted Cost Per Hrs \$	8,295	13,271	7,963	4,778	4,778	2,389	0	0
Total Adjusted Cost Per Hrs \$	(308)	(5,285)	24	3,209	3,209	5,598	7,986	7,986

Gulfstream G500

Full Price of Aircraft \$	41,246,875							
	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Year 7	Year 8
Rate (%)	20.00	32.00	19.20	11.52	11.52	5.76	0.00	0.00
Depreciation \$	8,249,375	13,199,000	7,919,400	4,751,640	4,751,640	2,375,820	0	0
Depreciation Value \$	32,997,500	19,798,500	11,879,100	7,127,460	2,375,820	0	0	0
Cumulative Depreciation \$	8,249,375	21,448,375	29,367,775	34,119,415	38,871,055	41,246,875	41,246,875	41,246,875
Adjusted Cost Per Hrs \$	18,856	30,169	18,101	10,861	10,861	5,430	0	0
Total Adjusted Cost Per Hrs \$	(8,374)	(19,687)	(7,620)	(379)	(379)	5,051	10,482	10,482

Bombardier Global 5500

Full Price of Aircraft \$	35,500,000							
	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Year 7	Year 8
Rate (%)	20.00	32.00	19.20	11.52	11.52	5.76	0.00	0.00
Depreciation \$	7,100,000	11,360,000	6,816,000	4,089,600	4,089,600	2,044,800	0	0
Depreciation Value \$	28,400,000	17,040,000	10,224,000	6,134,400	2,044,800	0	0	0
Cumulative Depreciation \$	7,100,000	18,460,000	25,276,000	29,365,600	33,455,200	35,500,000	35,500,000	35,500,000
Adjusted Cost Per Hrs \$	16,229	25,966	15,579	9,348	9,348	4,674	0	0
Total Adjusted Cost Per Hrs \$	(4,055)	(13,793)	(3,406)	2,825	2,825	7,499	12,173	12,173

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DEPRECIATION ANALYSIS



Bombardier Global Express XRS

Full Price of Aircraft \$	15,652,679							
	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Year 7	Year 8
Rate (%)	20.00	32.00	19.20	11.52	11.52	5.76	0.00	0.00
Depreciation \$	3,130,536	5,008,857	3,005,314	1,803,189	1,803,189	901,594	0	0
Depreciation Value \$	12,522,143	7,513,286	4,507,972	2,704,783	901,594	0	0	0
Cumulative Depreciation \$	3,130,536	8,139,393	11,144,707	12,947,896	14,751,085	15,652,679	15,652,679	15,652,679
Adjusted Cost Per Hrs \$	7,156	11,449	6,869	4,122	4,122	2,061	0	0
Total Adjusted Cost Per Hrs \$	5,533	1,239	5,819	8,567	8,567	10,627	12,688	12,688

RANGE MAP

Model	Category	Radius
 Bombardier Challenger 350	Super-Midsize Jet	3300 Nm / 3797 Sm
 Gulfstream G500	Large Jet	5100 Nm / 5868 Sm
 Bombardier Global 5500	Large Jet	5900 Nm / 6789 Sm
 Bombardier Global Express XRS	Large Jet	6000 Nm / 6904 Sm

