



Aircraft Profile

Manufacturer	Britten-Norman – UK	Model	Islander	BN2B-26 BN2B-20 BN2T BN2T-4S
Condition	new	Price	Defender	4000
Availability	please inquire	Excl. Dealer	please inquire	NeBeSci Inc. – Philippines

The Britten-Norman Islander is a high-wing, twin-engine 10-seat monoplane. Several Islander variants are currently available:

BN 2B-26 with 260 hp	&	BN 2B-20 with 300 hp,	both Lycoming Piston engines
BN 2T with 320 shp	&	BN 2T-4S with 400 shp,	both Rolls Royce turboprop engines

Islanders are configurable for passenger operation, cargo paratrooper, medical evacuation and other simpler missions, whereas

The Defender 4000, also with a Rolls Royce engine at 400 shp, finds its role in more sophisticated mission environments.\

PERFORMANCE	BN2B-26	BN2B-20	BN2T	BN2T-4S
ENGINE TYPE	Lycoming piston	Lycoming piston	Rolls Royce turboprop	Rolls Royce turboprop
Horsepower	260 hp	300 hp	320 shp	400 shp
TAKE-OFF DISTANCE				
Ground roll	621 ft 189 m	704 ft 215 m	837 ft 255 m	1,250 ft 381 m
To clear 50 ft (15m)	1,218 ft 371 m	1,166 ft 355 m	1,250 ft 381 m	1,855 ft 565 m
RATE OF CLIMB				
Both engines	860 ft per min	1,130 ft per min	1,050 ft per min	1,250 ft per min
One engine inoperative	145 ft per min	198 ft per min	215 ft per min	200 ft per min
ABSOLUTE CEILING				
Both engines	13,600 ft 4,145 m	19,700 ft 6,004 m	25,000 ft 7,620,m	25,000 ft 7,620,m
One engine inoperative	4,400 ft 1,341 m	6,150 ft 1,874 m	10,000 ft 3,048 m	12,000 ft 3,660,m
MAXIMUM CRUISE				
SPEED (TAS)	142 kt 263 kph	143 kt 265 kph	170 kt 315 kph	176 kt 326 kph

	BN2B-26	BN2B-20	BN2T	BN2T-4S
ECONOMICAL CRUISE				
SPEED (TAS)	126 kt 233 kph	128 kt 237 kph	150 kt 278 kph	150 kt 278 kph
STALL SPEEDS (IAS)				
Flaps up, power off @8000ft	50 kt 93 kph	50 kt 93 kph	52 kt 96 kph	53 kt 98 kph
Flaps down, power off	40 kt 74 kph	40 kt 74 kph	45 kt 83 kph	47 kt 87 kph
LANDING DISTANCE				
Ground roll	459 ft 140 m	459 ft 140 m	747 ft 228 m	1,012 ft 308 m
To clear 50ft (15m)	980 ft 299 m	980 ft 299 m	1,110 ft 338 m	1,934 ft 589 m
RANGE				
IFR	539 nm 998 km	503 nm 923 km	590 nm 1,093 km	861 nm 995 km
VFR	675 nm 1,250 km	639 nm 1,184 km	728 nm 1,349 km	1,006 nm 1,863 km
WEIGHTS				
TAKE OFF (MTOW)	6,600 lb 2,994 kg	6,600 lb 2,994 kg	7,000 lb 3,175 kg	8,500 lb 3,855 kg
LANDING (MLW)	6,600 lb 2,994 kg	6,600 lb 2,994 kg	6,800 lb 3,084 kg	8,500 lb 3,855 kg
ZERO FUEL (MZFW)	6,300 lb 2,857 kg	6,300 lb 2,857 kg	6,600 lb 2,994 kg	8,500 lb 3,855 kg
PAYLOAD WITH MAX FUEL				
No Tip Tanks	1,706 lb 774 kg	1,576 lb 715 kg		
Tip Tanks	1,096 lb 497 kg	966 lb 438 kg	1,520 lb 689 kg	1,598 lb 724 kg
DISPOSABLE LOAD				
No Tip Tanks	2,486 lb 1,128 kg	2,356 lb 1,069 kg		
Tip Tanks	2,386 lb 1,082 kg	2,256 lb 1,023 kg	2,960 lb 1,341 kg	3,600 lb 1,632 kg
USABLE LOAD				
No Tip Tanks	130 US gal 92 ltr	130 US gal 92 ltr		
Tip Tanks	215 US gal 814 ltr	215 US gal 814 ltr	215 US gal 814 ltr	2,002 lb 908 kg
Dimensions				
Wing Span	14.9 m 49 ft	14.9 m 49 ft	16.2 m 53 ft	16.2 m 53 ft
Aircraft Length	10.0m 35.7 ft	10.9m 35.7 ft	12.2 m 40.4 ft	12.2 m 40.4 ft
Aircraft Height	4.4 m 14.5 ft	4.4 m 14.5 ft	4.4 m 14.5 ft	4.4 m 14.5 ft
Propellers	>	2 x Hartzell HC-C3YF-5F/FC7818K, 3 bladed		<
Landing Gear	>	Britten Norman		<
Ancillary Equipment				
Cabin Heater	>	Standard		<
Starter Generator	>	200A x2		<
Mission Busbar	>	Included (150A, 10CB)		<
Airframe de-icing	>	Included (FIKI)		<
Prop de-icing	>	Standard Anti-ice		<
EO/IR mount	>	Structure included (limitations apply)		<
Other				
Deviated flying controls >		Standard		<
Under-wing hard points >		Standard, 4 available		<
Floor Aperture >		subject to client's requirements		<
Air conditioning >		subject to client's requirements		<

Interior

Cabin layout	>	configuration possible as Passenger (standard), Cargo, Medevac, Missions, Paratrooper	<
Floor fittings	>	subject to configuration	<
Cockpit seats	>	Individually adjustable bench seats	<
Cockpit restraints	>	Standard, 3-point restraints	<
Passenger/crew seats	>	Bench seat x4	<
Passenger restraints	>	3 point restraints at each seat row	<
Trim	>	subject to client's requirements	<
Passenger windows	>	Rows 2, 3, 5 and 6	<
Passenger safety notices	>	English	<
Baggage screen	>	Fitted	<
Flooring	>	Tretford Cord carpet	<

Exterior

Color scheme	>	White (standard) - subject to client's requirements	<
Ribbon color(s):	>	subject to client's requirements	<
Navigation lights	>	Standard (LED)	<
Beacon	>	Standard (LED)	<
Landing lights	>	Standard (LED)	<
Cowlings	>	Standard with access panels	<
Port Rear Door	>	Standard left hinged door	<
Baggage Bay Access	>	Standard	<

Cockpit

Flying controls (control wheel, rudder)	>	Dual	<
Engine instrumentation	>	Electronic	<
Lighting	>	Standard	<
OAT gauge	>	Electronic	<

Avionics

P1 Primary instrumentation	>	Garmin G600 TXi on GDU 1060 (landscape)	<
P1 Secondary instrumentation	>	Garmin GI 275	Bespoke
P2 Primary instrumentation	>	subject to client's requirements	Britten-Norman prides itself on offering a multi-stage design process that can incorporate bespoke options for your new Islander. As a Garmin-approved dealer, the latest in glass cockpit technology can also be incorporated either in a new or as a retrofit.
P2 Secondary instrumentation	>	subject to client's requirements	
Intercom	>	Garmin GMA 35C (remote)	
Radio / Navigation	>	Garmin GTN 750Xi NAV / COM / GPS Garmin GTN 650Xi NAV / COM / GPS Bendix King KN63 DME on G600 TXi	
Transponder	>	Garmin GTX335R ADS-B out (remote)	
Traffic	>	subject to client's requirements	
Terrain (TAWS-B)	>	subject to client's requirements	
Weather Radar	>	subject to client's requirements	
Radar Altimeter	>	Garmin GRA 55	
Autopilot	>	Bendix King KFC 325 (or suitable alternative)	
ELT	>	Artex C406-2	
ADSB in/out	>	subject to client's requirements	

Providing access to extensive technical publications and parts, Britten-Norman operators receive support and are available through their customer service hotline.

For further assistance please contact the exclusive dealer in the Philippines: NeBeSci Inc. / Manila.

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