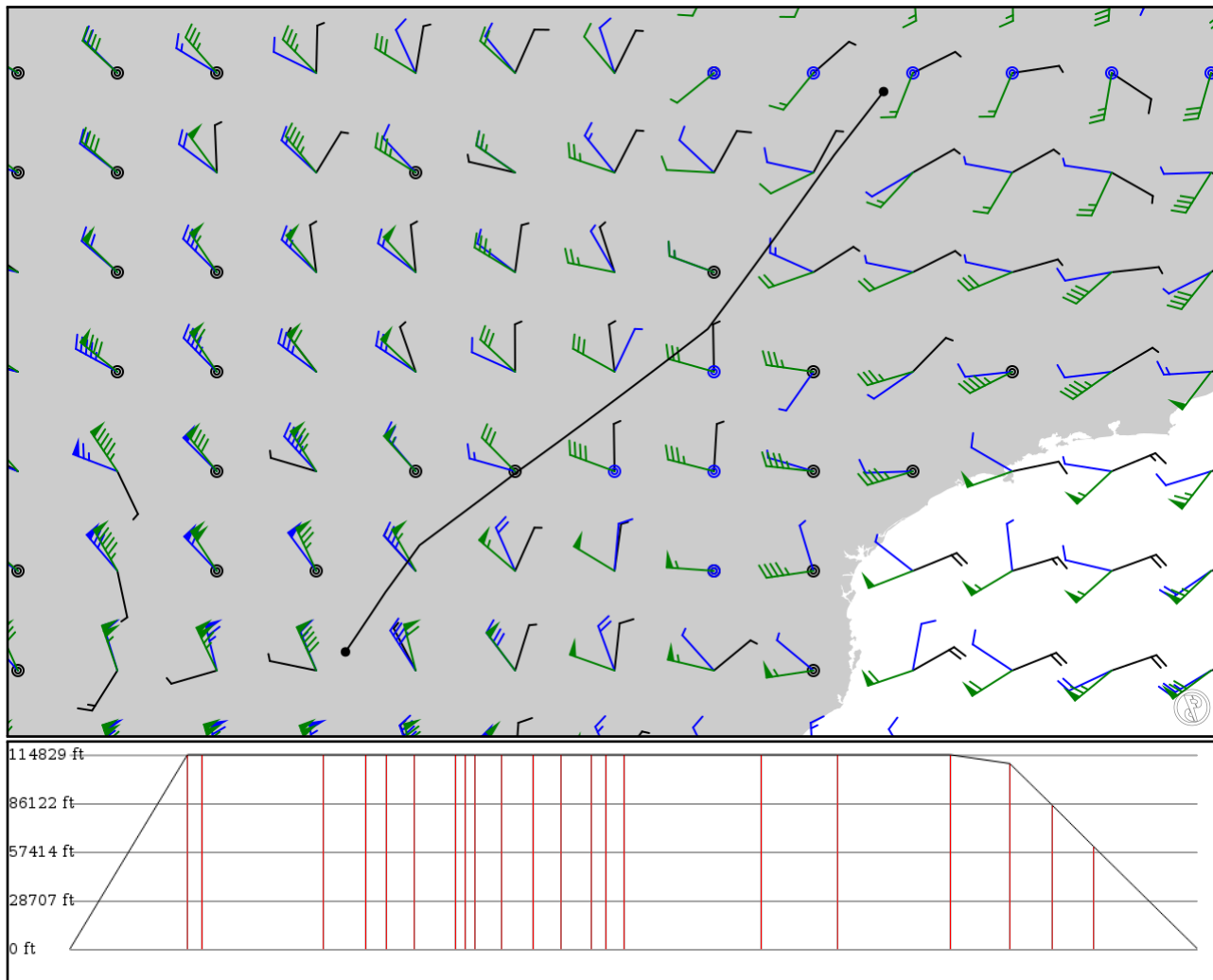


2024/04/28 0443Z

SBBR DIFAT **UB688** URP **UB695** KALAD **W2** VAS **A428** FSA SARE

941.50 nm / 1743.65 km



## Notes

Basic altitude profile:

- Ascent Rate: 2500ft/min
- Ascent Speed: 250kts
- Cruise Altitude: 35000ft
- Cruise Speed: 420kts
- Descent Rate: 1500ft/min
- Descent Speed: 250kts

Options:

- Use NATs: yes
- Use PACOTS: yes
- Use low airways: yes
- Use high airways: yes

## Route

Ident		Via	Lat	Alt	Dist	Name
Type			Lon		(nm)	
SBBR	-	-15.87110	0 ft	-	Brasilia	Presidente Juscelino Kubitsch
APT	-	-47.91863	0 m			
DIFAT	-	-17.18400	35,000 ft	98	-	
FIX	-	-48.94300	10,668 m			
FRESH	UB688	-17.36033	35,000 ft	12	-	
FIX	AWY-HI	-49.06833	10,668 m			
OBLIG	UB688	-18.75192	35,000 ft	101	-	
FIX	AWY-HI	-50.06758	10,668 m			
DENSE	UB688	-19.23333	35,000 ft	35	-	
FIX	AWY-HI	-50.41800	10,668 m			
TONEL	UB688	-19.46950	35,000 ft	17	-	
FIX	AWY-HI	-50.59083	10,668 m			
CHINK	UB688	-19.78733	35,000 ft	23	-	
FIX	AWY-HI	-50.82433	10,668 m			
PONEI	UB688	-20.25500	35,000 ft	34	-	
FIX	AWY-HI	-51.17000	10,668 m			
MEVIL	UB688	-20.36317	35,000 ft	7	-	
FIX	AWY-HI	-51.25033	10,668 m			
NUTRI	UB688	-20.47717	35,000 ft	8	-	
FIX	AWY-HI	-51.33533	10,668 m			
URP	UB688	-20.77650	35,000 ft	21	URUBUPUNGA	VOR-DME
VOR	AWY-HI	-51.55883	10,668 m			
LAPSE	UB695	-21.06600	35,000 ft	27	-	
FIX	AWY-HI	-51.93267	10,668 m			
OSELI	UB695	-21.30317	35,000 ft	22	-	
FIX	AWY-HI	-52.24083	10,668 m			
MARRY	UB695	-21.57217	35,000 ft	25	-	
FIX	AWY-HI	-52.59267	10,668 m			
BANAL	UB695	-21.70583	35,000 ft	12	-	
FIX	AWY-HI	-52.76867	10,668 m			
NOIVA	UB695	-21.86167	35,000 ft	14	-	
FIX	AWY-HI	-52.97400	10,668 m			
ITALO	UB695	-23.06567	35,000 ft	115	-	
FIX	AWY-HI	-54.58717	10,668 m			
KALAD	UB695	-23.71889	35,000 ft	63	-	
FIX	AWY-HI	-55.48833	10,668 m			
ISEVO	W2	-24.72000	35,000 ft	94	-	
FIX	AWY-LO	-56.81833	10,668 m			
VAS	W2	-25.24417	33,400 ft	49	ASUNCION	VOR-DME
VOR	AWY-LO	-57.52194	10,180 m			
ARPAS	A428	-25.73167	25,900 ft	34	-	
FIX	AWY-LO	-57.87528	7,894 m			
FSA	A428	-26.21028	18,500 ft	34	FORMOSA	VOR-DME
VOR	AWY-LO	-58.22472	5,639 m			
SARE	-	-27.44999	0 ft	86	RESISTENCIA	
APT	-	-59.05613	0 m			

## SBBR

Region: BRAZIL  
Timezone: AMERICA/SAO\_PAULO  
Runways: 2

Elevation: 3,498 ft / 1,066 m  
Location: -15.871100 -47.918600  
Magnetic Var: 22.215 W

## METAR

SBBR 280400Z VRB01KT CAVOK 19/15 Q1019

## TAF

TAF SBBR 272000Z 2800/2824 10005KT CAVOK TX29/2800Z TN19/2809Z BECMG 2801/2803 VRB03KT BECMG 2808/2810 10004KT BE

## Frequencies

REC - 127.80 MHz - ATIS	CLD - 121.00 MHz - BRASILIA CLEARANCE
GND - 121.80 MHz - BRASILIA GROUND	GND - 121.95 MHz - BRASILIA GROUND
TWR - 118.10 MHz - BRASILIA TOWER	TWR - 118.45 MHz - BRASILIA TOWER
TWR - 118.75 MHz - BRASILIA TOWER	APP - 119.70 MHz - BRASILIA APPROACH
APP - 129.60 MHz - BRASILIA APPROACH	APP - 119.20 MHz - BRASILIA APPROACH
APP - 120.00 MHz - BRASILIA APPROACH	

## Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
11L	148 ft	10,491 ft	86.18	ASPHALT	0 ft	115 ft
	45 m	3,198 m	108.39		0 m	35 m
29R	148 ft	10,491 ft	266.17	ASPHALT	0 ft	190 ft
	45 m	3,198 m	288.38		0 m	58 m
11R	148 ft	10,813 ft	86.18	ASPHALT	0 ft	200 ft
	45 m	3,296 m	108.39		0 m	61 m
29L	148 ft	10,813 ft	266.17	ASPHALT	0 ft	194 ft
	45 m	3,296 m	288.38		0 m	59 m

## Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
29R	DME	IND	109.30 MHz	18 nm	-	-	3,479 ft
				33 km	-		3,479 m
11L	LOC-ILS	IBR	110.30 MHz	18 nm	86.17	-	3,498 ft
				33 km	108.38		3,498 m
29R	LOC-ILS	IND	109.30 MHz	18 nm	266.17	-	3,498 ft
				33 km	288.38		3,498 m
11R	LOC-ILS	IDF	109.90 MHz	18 nm	86.17	-	3,498 ft
				33 km	108.38		3,498 m
29L	LOC-ILS	IBS	111.50 MHz	18 nm	266.17	-	3,498 ft
				33 km	288.38		3,498 m
11L	GS	IBR	110.30 MHz	10 nm	86.17	3.00	3,498 ft
				19 km	108.38		3,498 m
29R	GS	IND	109.30 MHz	10 nm	266.17	3.00	3,498 ft
				19 km	288.38		3,498 m
11R	GS	IDF	109.90 MHz	10 nm	86.17	3.00	3,498 ft
				19 km	108.38		3,498 m
29L	GS	IBS	111.50 MHz	10 nm	266.17	3.00	3,498 ft
				19 km	288.38		3,498 m

## SARE

Region: ARGENTINA  
Timezone: AMERICA/ARGENTINA/CORDOBA  
Runways: 1

Elevation: 174 ft / 53 m  
Location: -27.449900 -59.056100  
Magnetic Var: 13.264 W

## METAR

SARE 280400Z 15011KT 9999 OVC015 20/17 Q1011

## TAF

TAF SARE 272300Z 2800/2824 18010KT 9000 OVC008 TX23/2818Z TN18/2809Z TEMPO 2800/2806 3000 -RA DZ BR OVC005

## Frequencies

REC - 127.85 MHz - RESISTENCIA ATIS  
TWR - 118.70 MHz - RESISTENCIA TOWER  
GND - 121.95 MHz - RESISTENCIA GROUND  
APP - 118.70 MHz - RESISTENCIA APPROACH

## Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
03	147 ft	9,116 ft	20.78	ASPHALT	0 ft	115 ft
	45 m	2,778 m	34.05		0 m	35 m
21	147 ft	9,116 ft	200.78	ASPHALT	0 ft	115 ft
	45 m	2,778 m	214.04		0 m	35 m

## Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
21	LOC-ILS	RS	110.30 MHz	18 nm	200.74	-	174 ft
				33 km	214.01		174 m
21	GS	RS	110.30 MHz	10 nm	201.62	3.00	174 ft
				19 km	214.88		174 m