

# KTYS

Mc Ghee Tyson

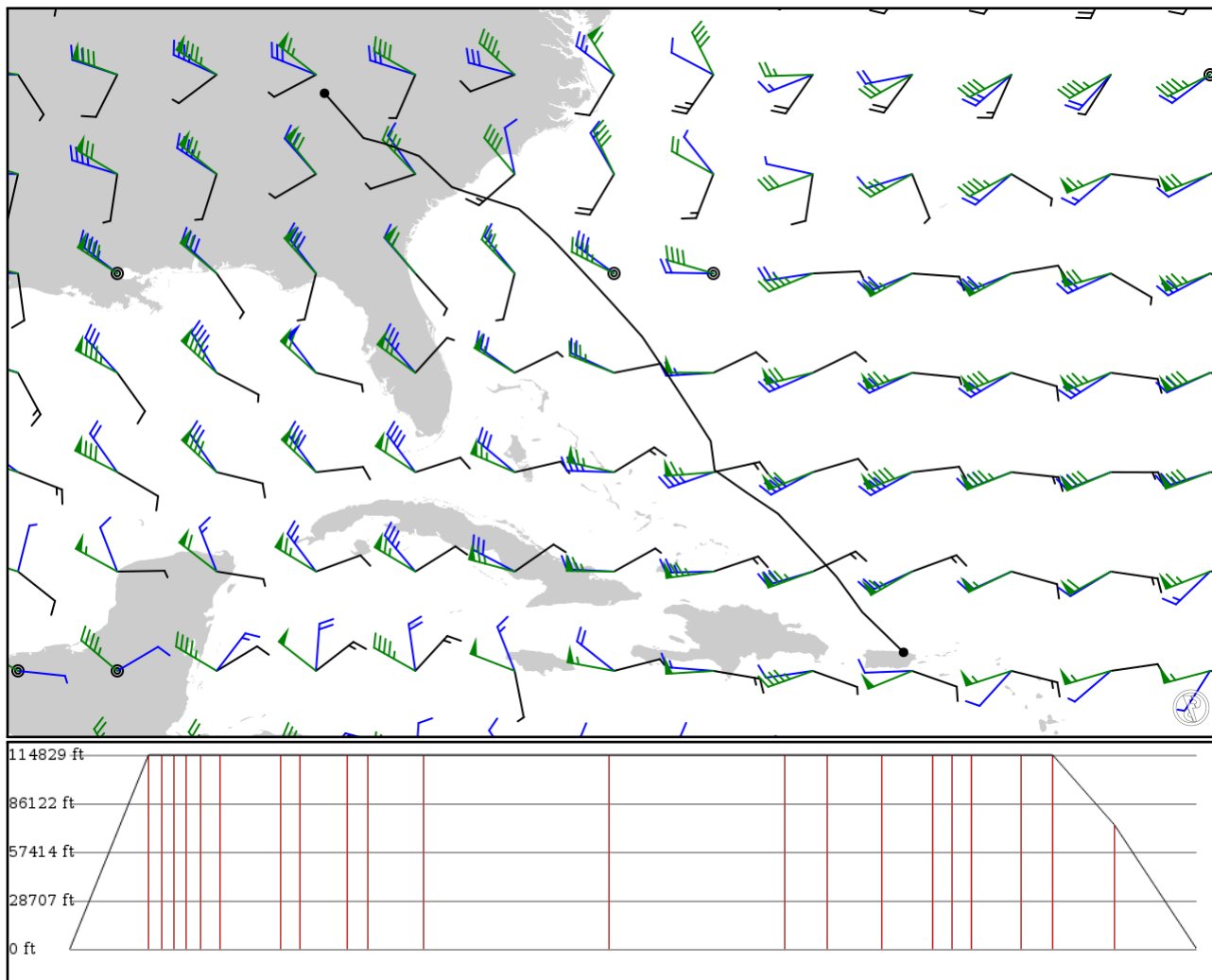
# TJSJ

Luis Munoz Marin Intl

2024/05/29 0451Z

KTYS ELW **V311** CAE **J47** CHS **AR12** JAINS **L451** LETON **G431** UTAHS TJSJ

1451.46 nm / 2688.10 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 Type	Via	Lat Lon	Alt	Dist (nm)	Name
KTYS	-	35.80950	0 ft	-	Mc Ghee Tyson
APT	-	-83.99580	0 m		
ELW	-	34.41920	35,000 ft	102	ELECTRIC CITY (ANDERSON)
VOR	-	-82.78470	10,668 m		
IVANS	V311	34.33430	35,000 ft	16	-
FIX	AWY-LO	-82.46370	10,668 m		
GRD	V311	34.25160	35,000 ft	16	GREENWOOD
VOR	AWY-LO	-82.15420	10,668 m		
CHATT	V311	34.15270	35,000 ft	15	-
FIX	AWY-LO	-81.87460	10,668 m		
LEDAS	V311	34.02930	35,000 ft	18	-
FIX	AWY-LO	-81.52930	10,668 m		
CAE	V311	33.85730	35,000 ft	25	COLUMBIA
VOR	AWY-LO	-81.05390	10,668 m		
CHS	J47	32.89430	35,000 ft	77	CHARLESTON
VOR	AWY-HI	-80.03780	10,668 m		
PITRW	AR12	32.73700	35,000 ft	25	-
FIX	AWY-HI	-79.57310	10,668 m		
SPIKY	AR12	32.37330	35,000 ft	61	-
FIX	AWY-HI	-78.43890	10,668 m		
LURKS	AR12	32.21610	35,000 ft	26	-
FIX	AWY-HI	-77.96070	10,668 m		
JAINS	AR12	31.35560	35,000 ft	71	-
FIX	AWY-HI	-77.00000	10,668 m		
ILIDO	L451	28.24460	35,000 ft	239	-
FIX	AWY-HI	-74.12390	10,668 m		
LETON	L451	25.00000	35,000 ft	225	-
FIX	AWY-HI	-71.99410	10,668 m		
IORIO	G431	24.09980	35,000 ft	54	-
FIX	AWY-HI	-71.87350	10,668 m		
JORGG	G431	23.39310	35,000 ft	69	-
FIX	AWY-HI	-70.86550	10,668 m		
CERDA	G431	22.74540	35,000 ft	65	-
FIX	AWY-HI	-69.90250	10,668 m		
DUNED	G431	22.42760	35,000 ft	25	-
FIX	AWY-HI	-69.60300	10,668 m		
LERUG	G431	22.12190	35,000 ft	24	-
FIX	AWY-HI	-69.31670	10,668 m		
MYSTR	G431	21.31150	35,000 ft	64	-
FIX	AWY-HI	-68.56590	10,668 m		
ELMUC	G431	20.78390	35,000 ft	41	-
FIX	AWY-HI	-68.08320	10,668 m		
UTAH	G431	19.69050	22,400 ft	79	-
FIX	AWY-HI	-67.28680	6,828 m		
TJSJ	-	18.43870	0 ft	104	Luis Munoz Marin Intl
APT	-	-66.00220	0 m		

## KTYS

Region: UNITED STATES  
Timezone: AMERICA/NEW\_YORK  
Runways: 2

Elevation: 980 ft / 299 m  
Location: 35.809500 -83.995800  
Magnetic Var: 6.167 W

## METAR

KTYS 290353Z 00000KT 10SM FEW130 19/14 A3004 RMK A02 SLP162 T01940144

## TAF

TAF KTYS 282320Z 2900/2924 26009KT P6SM SCT070 SCT250 FM290200 24005KT P6SM SCT250 FM291600 26010KT P6SM SCT070

## Frequencies

REC - 128.35 MHz - ATIS  
CLD - 121.65 MHz - CLNC DEL  
TWR - 121.20 MHz - KNOXVILLE TWR  
COM - 122.95 MHz - UNICOM  
GND - 121.90 MHz - KNOXVILLE GND  
APP - 118.00 MHz - KNOXVILLE APP/DEP

## Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
05L	151 ft	6,008 ft	44.70	CONCRETE	0 ft	1,001 ft
	46 m	1,831 m	50.87		0 m	305 m
23R	151 ft	6,008 ft	224.71	CONCRETE	0 ft	0 ft
	46 m	1,831 m	230.88		0 m	0 m
05R	151 ft	8,996 ft	44.62	ASPHALT	0 ft	210 ft
	46 m	2,742 m	50.79		0 m	64 m
23L	151 ft	8,996 ft	224.63	ASPHALT	413 ft	200 ft
	46 m	2,742 m	230.80		126 m	61 m

## Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
05L	LOC-ILS	ITYS	110.30 MHz	18 nm	44.71	-	980 ft
				33 km	50.88		980 m
23L	LOC-ILS	IOXH	110.75 MHz	18 nm	224.63	-	980 ft
				33 km	230.80		980 m
23R	LOC-ILS	IBUI	111.70 MHz	18 nm	224.71	-	980 ft
				33 km	230.88		980 m
05L	GS	ITYS	110.30 MHz	10 nm	44.71	3.00	980 ft
				19 km	50.88		980 m
23L	GS	IOXH	110.75 MHz	10 nm	224.63	3.00	980 ft
				19 km	230.80		980 m
23R	GS	IBUI	111.70 MHz	10 nm	224.71	3.00	980 ft
				19 km	230.88		980 m

## TJSJ

Region: USA (PUERTO RICO)  
Timezone: AMERICA/PUERTO\_RICO  
Runways: 2

Elevation: 8 ft / 2 m  
Location: 18.438700 -66.002200  
Magnetic Var: 13.517 W

## METAR

TJSJ 290356Z 00000KT 10SM FEW017 SCT046 BKN110 27/26 A3007

## TAF

TAF TAF AMD TJSJ 290251Z 2903/2924 08011G18KT P6SM -SHRA SCT025 BKN040 FM290600 13004KT P6SM VCSH SCT025 BKN050 FM

## Frequencies

REC - 125.80 MHz - ATIS	COM - 123.00 MHz - UNICOM
CLD - 126.40 MHz - CLEARANCE DELIVERY	GND - 121.90 MHz - SAN JUAN GROUND
TWR - 132.05 MHz - SAN JUAN TOWER	DEP - 120.90 MHz - SAN JUAN DEPARTURE
DEP - 119.40 MHz - SAN JUAN DEPARTURE	APP - 119.40 MHz - SAN JUAN APPROACH
APP - 120.90 MHz - SAN JUAN APPROACH	

## Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
08	200 ft	10,410 ft	66.85	ASPHALT	404 ft	394 ft
	61 m	3,173 m	80.37		123 m	120 m
26	200 ft	10,410 ft	246.86	ASPHALT	400 ft	397 ft
	61 m	3,173 m	260.38		122 m	121 m
10	151 ft	8,006 ft	90.14	CONCRETE	0 ft	203 ft
	46 m	2,440 m	103.66		0 m	62 m
28	151 ft	8,006 ft	270.15	CONCRETE	0 ft	200 ft
	46 m	2,440 m	283.67		0 m	61 m

## Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
08	LOC-ILS	ISJU	110.30 MHz	18 nm	66.86	-	2 ft
				33 km	80.38		2 m
10	LOC-ILS	ICLA	109.70 MHz	18 nm	90.15	-	2 ft
				33 km	103.67		2 m
08	GS	ISJU	110.30 MHz	10 nm	66.86	3.00	2 ft
				19 km	80.38		2 m
10	GS	ICLA	109.70 MHz	10 nm	90.15	3.00	2 ft
				19 km	103.67		2 m