

KMEM

Memphis Intl

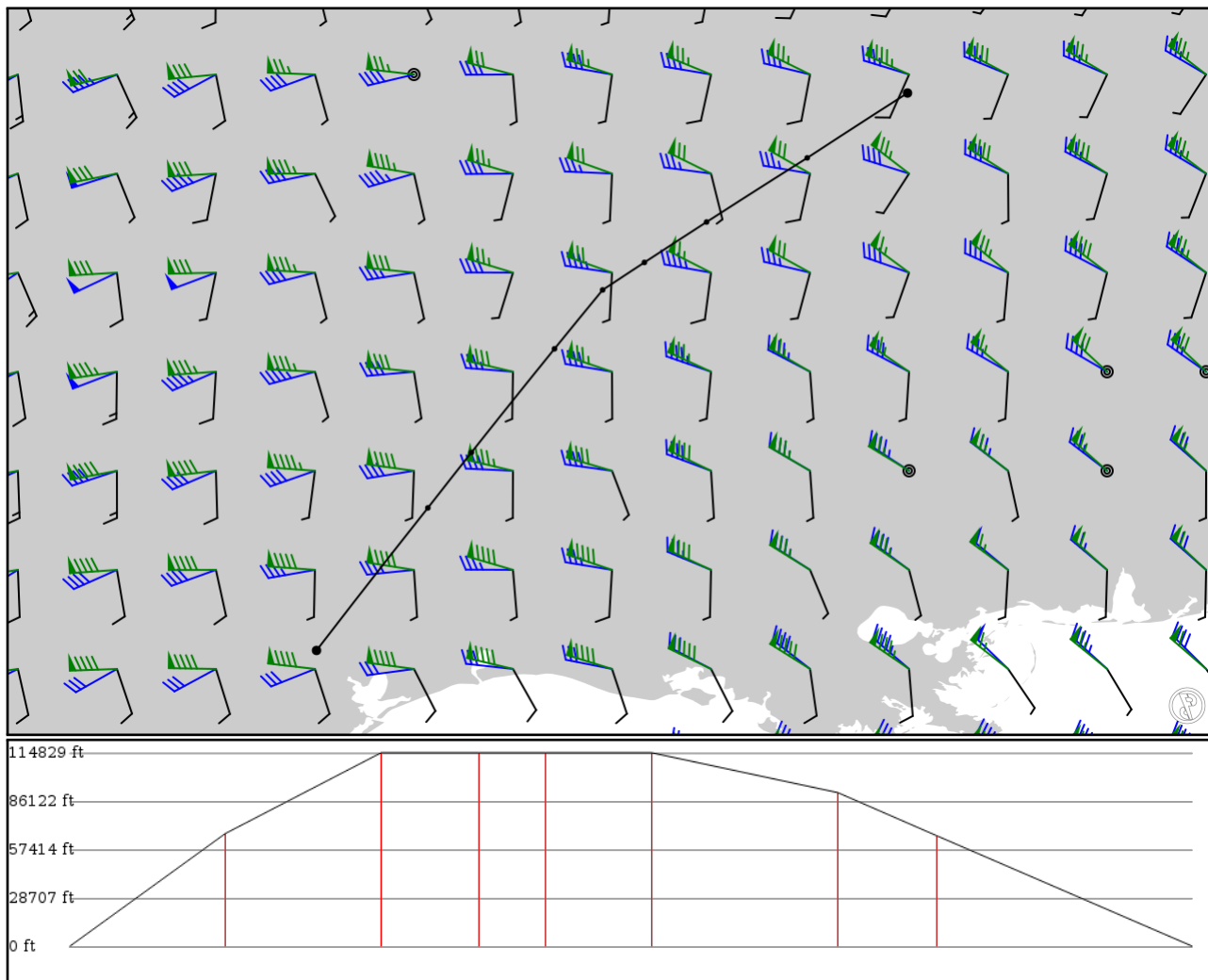
KIAH

George Bush Intercontinental

2024/06/16 0947Z

KMEM CARIN J29 ENJOY KIAH

411.54 nm / 762.17 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
KMEM APT	-	35.04270 -89.97660	0 ft 0 m	-	Memphis Intl
CARIN FIX	-	34.45420 -90.88700	20,400 ft 6,218 m	57	-
TOZZI FIX	J29 AWY-HI	33.87250 -91.80050	35,000 ft 10,668 m	57	-
SUTTN FIX	J29 AWY-HI	33.50580 -92.36480	35,000 ft 10,668 m	35	-
ELD VOR	J29 AWY-HI	33.25620 -92.74390	35,000 ft 10,668 m	24	EL DORADO
MIXIE FIX	J29 AWY-HI	32.72210 -93.18100	35,000 ft 10,668 m	38	-
LURIC FIX	J29 AWY-HI	31.78180 -93.93500	27,800 ft 8,473 m	68	-
ENJOY FIX	J29 AWY-HI	31.27880 -94.33030	20,000 ft 6,096 m	36	-
KIAH APT	-	29.98540 -95.34120	0 ft 0 m	93	George Bush Intercontinental

KMEM

Region: UNITED STATES
Timezone: AMERICA/CHICAGO
Runways: 4

Elevation: 340 ft / 104 m
Location: 35.042700 -89.976600
Magnetic Var: 1.989 W

METAR

KMEM 160854Z 17006KT 10SM CLR 27/21 A2992 RMK A02 SLP128 T02670211 58004

TAF

KMEM 160852Z 1609/1712 18005KT P6SM SKC FM161500 19007KT P6SM SCT040 FM161800 19010KT P6SM BKN060 FM170100 15006KT

Frequencies

REC - 127.75 MHz - D-ATIS	COM - 122.95 MHz - MEMPHIS UNICOM
GND - 121.00 MHz - MEMPHIS GROUND	GND - 121.65 MHz - MEMPHIS GROUND
GND - 121.90 MHz - MEMPHIS GROUND	TWR - 118.30 MHz - MEMPHIS TOWER
TWR - 119.70 MHz - MEMPHIS TOWER	TWR - 128.42 MHz - MEMPHIS TOWER
CLD - 125.20 MHz - CLEARANCE DELIVERY	DEP - 124.15 MHz - MEMPHIS DEPARTURE
DEP - 124.65 MHz - MEMPHIS DEPARTURE	APP - 119.10 MHz - MEMPHIS APPROACH
APP - 125.80 MHz - MEMPHIS APPROACH	

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
18R	150 ft	9,343 ft	179.00	CONCRETE	0 ft	404 ft
	46 m	2,848 m	180.98		0 m	123 m
36L	150 ft	9,343 ft	359.00	CONCRETE	0 ft	869 ft
	46 m	2,848 m	0.98		0 m	265 m
18C	150 ft	11,148 ft	179.01	CONCRETE	0 ft	404 ft
	46 m	3,398 m	181.00		0 m	123 m
36C	150 ft	11,148 ft	359.01	CONCRETE	0 ft	400 ft
	46 m	3,398 m	1.00		0 m	122 m
18L	150 ft	9,024 ft	179.01	CONCRETE	0 ft	400 ft
	46 m	2,750 m	181.00		0 m	122 m
36R	150 ft	9,024 ft	359.01	CONCRETE	0 ft	400 ft
	46 m	2,750 m	1.00		0 m	122 m
09	150 ft	8,931 ft	91.96	CONCRETE	0 ft	397 ft
	46 m	2,722 m	93.95		0 m	121 m
27	150 ft	8,931 ft	271.98	CONCRETE	0 ft	0 ft
	46 m	2,722 m	273.97		0 m	0 m

Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
18L	DME	IEXS	111.15 MHz	18 nm	-	-	341 ft
				33 km	-		341 m
36C	DME	ITSE	110.50 MHz	18 nm	-	-	341 ft
				33 km	-		341 m
36L	DME	IOHN	108.90 MHz	18 nm	-	-	341 ft
				33 km	-		341 m
36R	DME	IMYO	111.35 MHz	18 nm	-	-	341 ft
				33 km	-		341 m
09	LOC-ILS	IMEM	109.50 MHz	18 nm	91.97	-	341 ft
				33 km	93.96		341 m

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
18C	LOC-ILS	ISDU	111.95 MHz	18 nm	179.01	-	341 ft
				33 km	181.00		341 m
18L	LOC-ILS	IEXS	111.15 MHz	18 nm	179.02	-	341 ft
				33 km	181.01		341 m
18R	LOC-ILS	IOOI	109.90 MHz	18 nm	178.99	-	341 ft
				33 km	180.98		341 m
27	LOC-ILS	IJIM	108.70 MHz	18 nm	271.97	-	341 ft
				33 km	273.96		341 m
36C	LOC-ILS	ITSE	110.50 MHz	18 nm	359.01	-	341 ft
				33 km	1.00		341 m
36L	LOC-ILS	IOHN	108.90 MHz	18 nm	358.99	-	341 ft
				33 km	0.98		341 m
36R	LOC-ILS	IMYO	111.35 MHz	18 nm	359.02	-	341 ft
				33 km	1.01		341 m
09	GS	IMEM	109.50 MHz	10 nm	91.97	3.00	341 ft
				19 km	93.96		341 m
18C	GS	ISDU	111.95 MHz	10 nm	179.01	3.00	341 ft
				19 km	181.00		341 m
18L	GS	IEXS	111.15 MHz	10 nm	179.02	3.00	341 ft
				19 km	181.01		341 m
18R	GS	IOOI	109.90 MHz	10 nm	178.99	3.00	341 ft
				19 km	180.98		341 m
27	GS	IJIM	108.70 MHz	10 nm	271.97	3.00	341 ft
				19 km	273.96		341 m
36C	GS	ITSE	110.50 MHz	10 nm	359.01	3.00	341 ft
				19 km	1.00		341 m
36L	GS	IOHN	108.90 MHz	10 nm	358.99	3.00	341 ft
				19 km	0.98		341 m
36R	GS	IMYO	111.35 MHz	10 nm	359.02	3.00	341 ft
				19 km	1.01		341 m

KIAH

Region: UNITED STATES
Timezone: AMERICA/CHICAGO
Runways: 5

Elevation: 98 ft / 30 m
Location: 29.985400 -95.341200
Magnetic Var: 1.718 E

METAR

KIAH 160853Z 00000KT 10SM CLR 24/23 A2987 RMK A02 SLP113 T02440228 58008

TAF

TAF AMD KIAH 160933Z 1610/1712 00000KT P6SM SKC FM161300 12007KT P6SM SCT025 FM161800 12010KT P6SM SCT040 FM170500

Frequencies

REC - 124.05 MHz - D-ATIS	REC - 122.95 MHz - UNICOM
CLD - 128.10 MHz - CLEARANCE DELIVERY	GND - 119.95 MHz - HOUSTON GROUND
GND - 121.70 MHz - HOUSTON GROUND	GND - 118.57 MHz - HOUSTON GROUND
TWR - 120.72 MHz - HOUSTON TOWER	TWR - 125.35 MHz - HOUSTON TOWER
TWR - 135.15 MHz - HOUSTON TOWER	TWR - 127.30 MHz - HOUSTON TOWER
APP - 120.05 MHz - HOUSTON APPROACH	APP - 124.35 MHz - HOUSTON APPROACH
DEP - 126.67 MHz - HOUSTON DEPARTURE	DEP - 132.25 MHz - HOUSTON DEPARTURE
DEP - 133.60 MHz - HOUSTON DEPARTURE	DEP - 127.12 MHz - HOUSTON DEPARTURE

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
15R	151 ft	10,010 ft	152.07	CONCRETE	0 ft	407 ft
	46 m	3,051 m	150.35		0 m	124 m
33L	151 ft	10,010 ft	332.08	CONCRETE	0 ft	407 ft
	46 m	3,051 m	330.36		0 m	124 m
15L	151 ft	12,013 ft	152.08	CONCRETE	0 ft	413 ft
	46 m	3,662 m	150.36		0 m	126 m
33R	151 ft	12,013 ft	332.09	CONCRETE	0 ft	413 ft
	46 m	3,662 m	330.37		0 m	126 m
08L	151 ft	9,008 ft	89.94	CONCRETE	0 ft	387 ft
	46 m	2,746 m	88.23		0 m	118 m
26R	151 ft	9,008 ft	269.96	CONCRETE	0 ft	387 ft
	46 m	2,746 m	268.24		0 m	118 m
08R	151 ft	9,412 ft	89.96	CONCRETE	0 ft	384 ft
	46 m	2,869 m	88.24		0 m	117 m
26L	151 ft	9,412 ft	269.97	CONCRETE	0 ft	384 ft
	46 m	2,869 m	268.25		0 m	117 m
09	151 ft	10,009 ft	89.95	CONCRETE	0 ft	387 ft
	46 m	3,051 m	88.23		0 m	118 m
27	151 ft	10,009 ft	269.97	CONCRETE	0 ft	387 ft
	46 m	3,051 m	268.25		0 m	118 m

Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
08L	DME	IBZU	111.55 MHz	18 nm	-	-	90 ft
				33 km	-		90 m
08R	DME	IIAH	109.70 MHz	18 nm	-	-	109 ft
				33 km	-		109 m
09	DME	IUYO	110.90 MHz	18 nm	-	-	100 ft
				33 km	-		100 m

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
26L	DME	IJYV	109.70 MHz	18 nm 33 km	- -	-	109 ft 109 m
26R	DME	IOND	111.55 MHz	18 nm 33 km	- -	-	84 ft 84 m
27	DME	IGHI	110.90 MHz	18 nm 33 km	- -	-	100 ft 100 m
08L	LOC-ILS	IBZU	111.55 MHz	18 nm 33 km	89.95 88.23	-	98 ft 98 m
08R	LOC-ILS	IIAH	109.70 MHz	18 nm 33 km	89.96 88.24	-	98 ft 98 m
09	LOC-ILS	IUYO	110.90 MHz	18 nm 33 km	89.96 88.24	-	98 ft 98 m
15R	LOC-ILS	ILKM	111.15 MHz	18 nm 33 km	152.08 150.36	-	98 ft 98 m
26L	LOC-ILS	IJYV	109.70 MHz	18 nm 33 km	269.96 268.24	-	98 ft 98 m
26R	LOC-ILS	IOND	111.55 MHz	18 nm 33 km	269.95 268.23	-	98 ft 98 m
27	LOC-ILS	IGHI	110.90 MHz	18 nm 33 km	269.96 268.24	-	98 ft 98 m
33R	LOC-ILS	ICDG	111.90 MHz	18 nm 33 km	332.09 330.37	-	98 ft 98 m
08L	GS	IBZU	111.55 MHz	10 nm 19 km	89.95 88.23	3.00	98 ft 98 m
08R	GS	IIAH	109.70 MHz	10 nm 19 km	89.96 88.24	3.00	98 ft 98 m
09	GS	IUYO	110.90 MHz	10 nm 19 km	89.96 88.24	3.00	98 ft 98 m
15R	GS	ILKM	111.15 MHz	10 nm 19 km	152.08 150.36	3.00	98 ft 98 m
26L	GS	IJYV	109.70 MHz	10 nm 19 km	269.96 268.24	3.00	98 ft 98 m
26R	GS	IOND	111.55 MHz	10 nm 19 km	269.95 268.23	3.00	98 ft 98 m
27	GS	IGHI	110.90 MHz	10 nm 19 km	269.96 268.24	3.00	98 ft 98 m
33R	GS	ICDG	111.90 MHz	10 nm 19 km	332.09 330.37	3.00	98 ft 98 m