

KCHS

Charleston AFB/Intl

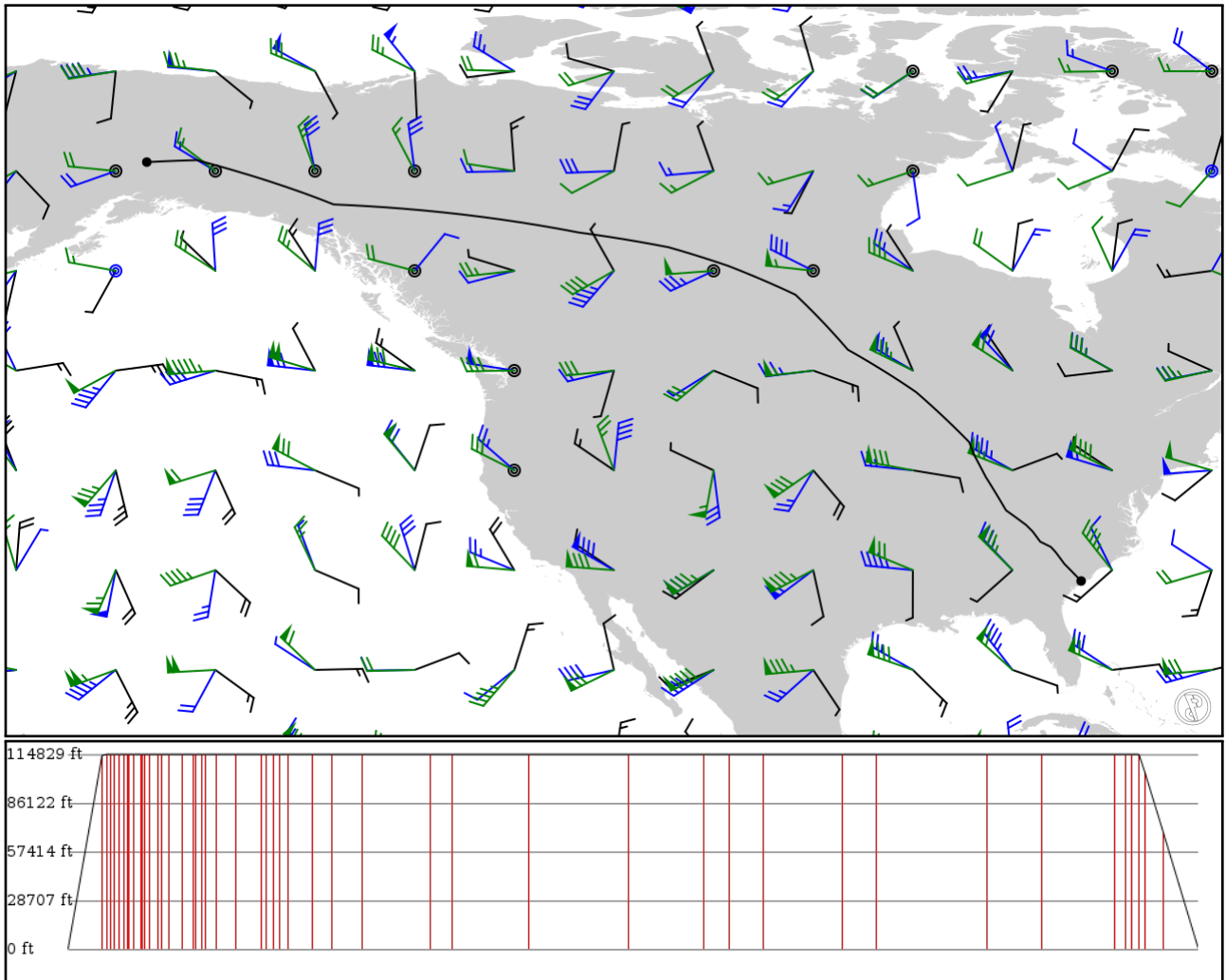
PAIN

Mc Kinley National Park

2024/06/05 2253Z

KCHS WIDER **V53** SUG **V185** SOT **V517** LOZ **V310** IIU **J89** OBK **J101** BAE **J89** YWG **J596** YQD **NCA13** YXY **J515**
ORT **V444** MEYLE PAIN

3179.00 nm / 5887.51 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
KCHS APT	-	32.89810 -80.04060	0 ft 0 m	-	Charleston AFB/Intl
WIDER FIX	-	34.15750 -81.27400	34,800 ft 10,607 m	97	-
BUBBA FIX	V53 AWY-LO	34.33650 -81.40610	35,000 ft 10,668 m	12	-
WILLS FIX	V53 AWY-LO	34.49540 -81.52400	35,000 ft 10,668 m	11	-
UNARM FIX	V53 AWY-LO	34.65490 -81.64270	35,000 ft 10,668 m	11	-
BUILD FIX	V53 AWY-LO	34.81960 -81.76600	35,000 ft 10,668 m	11	-
SPA VOR	V53 AWY-LO	35.03360 -81.92700	35,000 ft 10,668 m	15	SPARTANBURG
CARTT FIX	V53 AWY-LO	35.14430 -82.02800	35,000 ft 10,668 m	8	-
OBURY FIX	V53 AWY-LO	35.21630 -82.09390	35,000 ft 10,668 m	5	-
SUG VOR	V53 AWY-LO	35.40650 -82.26860	35,000 ft 10,668 m	14	SUGARLOAF MT. (ASHEVILLE)
OZONE FIX	V185 AWY-LO	35.56180 -82.58380	35,000 ft 10,668 m	18	-
RIGEL FIX	V185 AWY-LO	35.61290 -82.68810	35,000 ft 10,668 m	5	-
MUMMI FIX	V185 AWY-LO	35.66350 -82.79170	35,000 ft 10,668 m	5	-
SOT VOR	V185 AWY-LO	35.79010 -83.05240	35,000 ft 10,668 m	14	SNOWBIRD
WHINS FIX	V517 AWY-LO	36.09460 -83.27790	35,000 ft 10,668 m	21	-
TAMPI FIX	V517 AWY-LO	36.24620 -83.39100	35,000 ft 10,668 m	10	-
MIAMI FIX	V517 AWY-LO	36.55390 -83.62210	35,000 ft 10,668 m	21	-
LOZ VOR	V517 AWY-LO	37.03310 -84.11010	35,000 ft 10,668 m	37	LONDON
DOLLY FIX	V310 AWY-LO	37.40060 -84.60640	35,000 ft 10,668 m	32	-
UNCKL FIX	V310 AWY-LO	37.48140 -84.71630	35,000 ft 10,668 m	7	-
DARBY FIX	V310 AWY-LO	37.65430 -84.95340	35,000 ft 10,668 m	15	-
MAUDD FIX	V310 AWY-LO	37.78460 -85.13320	35,000 ft 10,668 m	11	-
IIU VOR	V310 AWY-LO	38.10350 -85.57740	35,000 ft 10,668 m	28	LOUISVILLE
KURTZ FIX	J89 AWY-HI	38.97220 -86.09270	35,000 ft 10,668 m	57	-
MACES FIX	J89 AWY-HI	40.00370 -86.72300	35,000 ft 10,668 m	68	-
TORIO FIX	J89 AWY-HI	40.24910 -86.87600	35,000 ft 10,668 m	16	-
BVT	J89	40.55620	35,000 ft	20	BOILER (LAFAYETTE)

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
VOR	AWY-HI	-87.06940	10,668 m		
FATOX	J89	40.80120	35,000 ft	15	-
FIX	AWY-HI	-87.19600	10,668 m		
CADIZ	J89	41.16780	35,000 ft	23	-
FIX	AWY-HI	-87.38770	10,668 m		
OBK	J89	42.22140	35,000 ft	68	NORTHBROOK
VOR	AWY-HI	-87.95160	10,668 m		
BAE	J101	43.11690	35,000 ft	55	BADGER (MILWAUKEE)
VOR	AWY-HI	-88.28430	10,668 m		
BGOSH	J89	44.26200	35,000 ft	84	-
FIX	AWY-HI	-89.43420	10,668 m		
DLH	J89	46.80220	35,000 ft	191	DULUTH
VOR	AWY-HI	-92.20290	10,668 m		
WIEDS	J89	47.50420	35,000 ft	59	-
FIX	AWY-HI	-93.24580	10,668 m		
YWG	J89	49.92780	35,000 ft	214	WINNIPEG
VOR	AWY-HI	-97.23920	10,668 m		
YQD	J596	53.97350	35,000 ft	281	THE PAS
VOR	AWY-HI	-101.10000	10,668 m		
PETMA	NCA13	56.09280	35,000 ft	212	-
FIX	AWY-HI	-106.05200	10,668 m		
TULAG	NCA13	56.69850	35,000 ft	71	-
FIX	AWY-HI	-107.89100	10,668 m		
ALPIM	NCA13	57.46330	35,000 ft	94	-
FIX	AWY-HI	-110.43800	10,668 m		
YOJ	NCA13	58.55430	35,000 ft	221	HIGH LEVEL
VOR	AWY-HI	-117.09300	10,668 m		
KESDA	NCA13	59.07860	35,000 ft	95	-
FIX	AWY-HI	-120.00000	10,668 m		
DUSOB	NCA13	60.30490	35,000 ft	311	-
FIX	AWY-HI	-130.00000	10,668 m		
YXY	NCA13	60.61890	35,000 ft	153	WHITEHORSE
VOR	AWY-HI	-135.13900	10,668 m		
BIBEM	J515	62.67220	35,000 ft	207	-
FIX	AWY-HI	-141.00000	10,668 m		
ORT	J515	62.94720	35,000 ft	30	NORTHWAY
VOR	AWY-HI	-141.91300	10,668 m		
CIMGO	V444	63.10520	35,000 ft	17	-
FIX	AWY-LO	-142.44200	10,668 m		
CUGCA	V444	63.29130	35,000 ft	20	-
FIX	AWY-LO	-143.08200	10,668 m		
EGAXE	V444	63.44210	31,700 ft	16	-
FIX	AWY-LO	-143.61400	9,662 m		
MEYLE	V444	63.87840	21,000 ft	50	-
FIX	AWY-LO	-145.22800	6,401 m		
PAIN	-	63.73260	0 ft	98	Mc Kinley National Park
APT	-	-148.91100	0 m		

KCHS

Region: UNITED STATES
Timezone: AMERICA/NEW_YORK
Runways: 2

Elevation: 45 ft / 14 m
Location: 32.898100 -80.040600
Magnetic Var: 8.309 W

METAR

KCHS 052156Z 17013G22KT 10SM FEW050 FEW150 30/18 A2987 RMK A02 SLP114 CB DSNT NW T03000178

TAF

TAF AMD KCHS 052054Z 0521/0618 19010G16KT P6SM FEW040 SCT200 FM052200 19012G18KT P6SM VCTS SCT040CB BKN200 FM0600

Frequencies

REC - 124.75 MHz - CHARLESTON ATIS	COM - 122.95 MHz - CHARLESTON UNICOM
GND - 121.90 MHz - CHARLESTON GROUND	TWR - 126.00 MHz - CHARLESTON TOWER
CLD - 127.32 MHz - CLEARANCE DELIVERY	DEP - 119.30 MHz - CHARLESTON DEPARTURE
DEP - 120.70 MHz - CHARLESTON DEPARTURE	APP - 119.30 MHz - CHARLESTON APPROACH
APP - 120.70 MHz - CHARLESTON APPROACH	

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
15	150 ft	9,015 ft	147.54	CONCRETE	0 ft	1,001 ft
	46 m	2,748 m	155.85		0 m	305 m
33	150 ft	9,015 ft	327.55	CONCRETE	0 ft	1,001 ft
	46 m	2,748 m	335.86		0 m	305 m
03	150 ft	7,016 ft	24.30	CONCRETE	0 ft	1,001 ft
	46 m	2,138 m	32.61		0 m	305 m
21	150 ft	7,016 ft	204.31	CONCRETE	0 ft	801 ft
	46 m	2,138 m	212.62		0 m	244 m

Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
15	LOC-ILS	ICHS	109.70 MHz	18 nm	147.55	-	45 ft
				33 km	155.86		45 m
33	LOC-ILS	ICCI	108.90 MHz	18 nm	327.55	-	45 ft
				33 km	335.86		45 m
15	GS	ICHS	109.70 MHz	10 nm	147.55	3.00	45 ft
				19 km	155.86		45 m
33	GS	ICCI	108.90 MHz	10 nm	327.55	3.00	45 ft
				19 km	335.86		45 m