

09-AUG-2018

CHS-KCHS

1-10

AOI

AOI

GENERAL**Operational Hours****ATS Hours:** TWR H24**AD OPS Hours:** Attended continuously**Airport Information****RFF:** FAA INDEX C / CAT 7**Fuel:** JET A+, A1+**PCN:** RWY 15/33: 73/R/B/W/T

RWY 03/21: 71/R/B/W/T

Customs: PPR only**Operation****Traffic Note:** Low Level Windshear Alert System (LLWAS) in operation.**Preferential RWY**

TKOF and LDG: RWY 15.

RWY Restriction

RWY 15/33: 180° turns prohibited; CLSD DLY 1230-1300‡.

RWY 03/21: CLSD 2nd THU / month 1330-2200‡.

TWY Restriction

B747 taxi with outer ENG at idle.

Wing-tip CLR at TWY D: 49m / 161ft from TWY CL and 35m / 115ft from ramp INT with TWY.

TWY K CLSD.

Noise Abatement Procedure

0200-1100‡ no circling APCHs.

Avoid Drayton Hall 2NM S/SE of AD by at least 1NM when below 3000ft AGL.

Avoid overflying all downtown Charleston hospital complexes below 2000ft MSL. Intercept ILS RWY 33 glide slope at 2000ft MSL.

Avoid overflying Medway Plantation below 1600ft MSL. When performing the VOR/DME or GPS to RWY 21, delay the descent from 1600ft to 1100ft MSL until established on course inbound and past 8DME.

ACFT Antenna

All ACFT use upper antenna until airborne.

Taxi/Parking

Hot Cargo pad CLSD

Warnings**ILS/LOC RWY 33**

Unusable: Beyond 20° right of course.

MAINT: THU 1300-1500‡

CHS VOR/DME unusable: R052-R060 beyond 15NM below 3500ft.

Civil Cargo/Terminal parking APN have stadium lighting poles on edge of parking APN.

MIL jets, high speed low-LVL formation flights, miscellaneous cargo ACFT and air-to-ground OPS.

Frequently parked train cars (25ft AGL) 1000ft from THR 21 and gravel piles (up to 50ft AGL) 1500ft from THR.

Birds in vicinity of AD.

09-AUG-2018

CHS-KCHS

1-20

AOI

AOI

ARRIVAL**Speed**

MAX IAS 250KT below 10000ft.

Communication**COM Failure:** See CRAR.**Arrival Procedure****VFR Traffic Pattern:** MNM 1700ft AMSL / 1660ft AGL.**Land And Hold Short Operation (LAHSO)**

These OPS include LDG and hold short of an intersection RWY/TWY or other predetermined points on the RWY other than RWY or TWY marked with (*).

LDG RWY	Hold Short Point (HSP)	Distance
RWY 03	RWY 15/33	1646m / 5400ft
RWY 15	RWY 03/21	1661m / 5450ft
RWY 33	RWY 03/21	808m / 2650ft

DEPARTURE**Take-off Minima**

RWY		15/33	
1+2 ENG	ft - ft/SM	0 - 5000R/1.0V	-
3+4 ENG		0 - 2400R/0.5V	-
RWY		03/21	
1+2 ENG	ft - ft/SM	0 - 1.0V	SID LGRHD, SID MLTRE, SID PLFMD, SID PLMTO, SID SWPFX:
3+4 ENG		0 - 0.5V	MNM climb gradient 8.3% up to 560

Speed

MAX IAS 250KT below 10000ft.

Communication**COM Failure:** See CRAR.

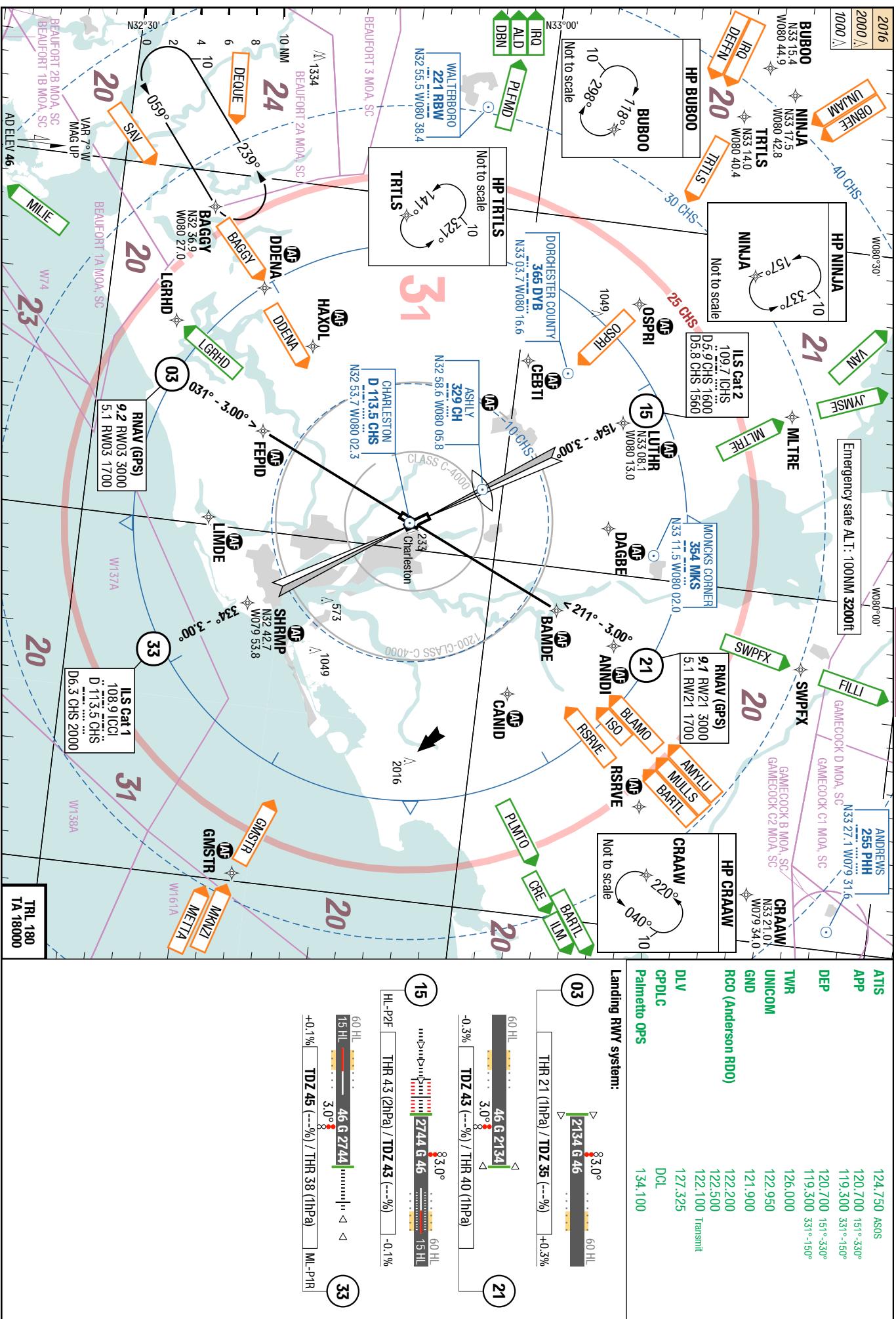
Effective 13-

CHS-KCHS

United States **Charleston** **Charleston** **AFB/Intl**

AFC

Charleston AFB/Intl **Charleston** United States



CHS-KCHS

3-20

AGC

4

AGC

CHS-KCHS

3-20

AGC

10 of 10

7

1

Diagram showing a beam section labeled A-M. A central horizontal line is present. A shaded area is labeled A. Within this shaded area, two regions are labeled A4 and A1.

Transmit

33 XX

ATIS	124.750	ASOS
TWR	126.000	
UNICOM	122.950	
GND	121.900	
RCO (Anderson RDO)	122.200	
	122.500	
	122.100	Transmit
DLV	127.325	
CPDLC	DCL	

COORDINATES	
A1	N32 53.1 W080 02.1
A2	N32 53.1 W080 02.2
A3-A5	N32 53.1 W080 02.1
B1-B10	Not published
X40-X42	Not published

Caution
Be alert to RWY crossing clearances. Readback of all RWY holding instructions is required.

HS1: TWY A, TWY F and RWY 15/33 confusing intersection.

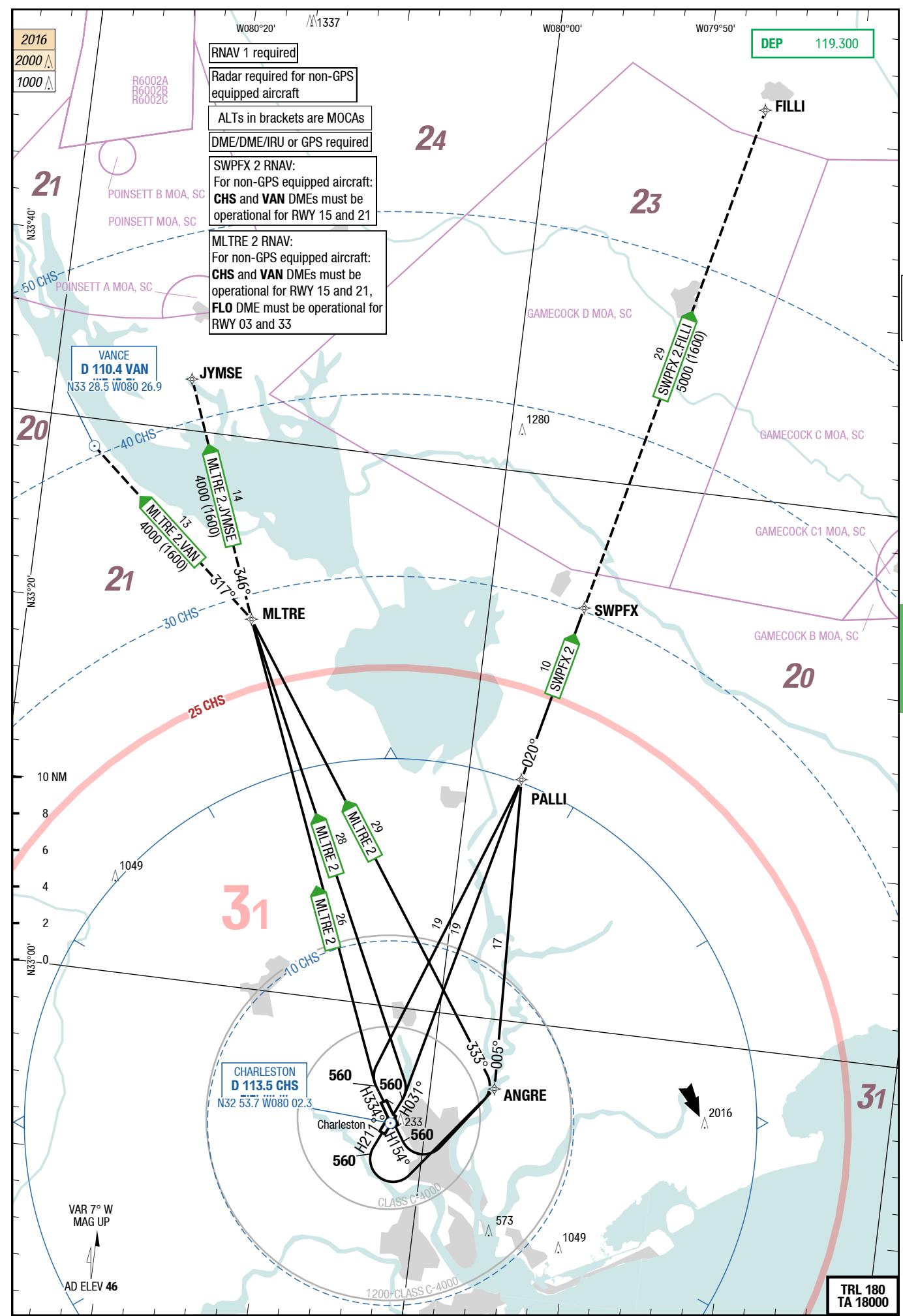
CHS-KCHS

4-20

MLTRE 2 RNAV / SWPFX 2 RNAV

SID
SID

MLTRE 2 RNAV / SWPFX 2 RNAV



Effective 21-JUL-2016

14-JUL-2016

CHS-KCHS

United States **Charleston** Charleston AFB/Intl

Charleston AFB/Intl **Charleston** United States

4-30

PLFMD 2 RNAV

10

10

Charleston AFB/Intl **Charleston** United States

PLMTO 2 RNAV

Changes: PROC renumbered, Editorial

Effective 21-JUL-2016

United States **Charleston** Charleston AFB/Intl

Charleston AFB/Intl **Charleston** United States

14-JUL-2016

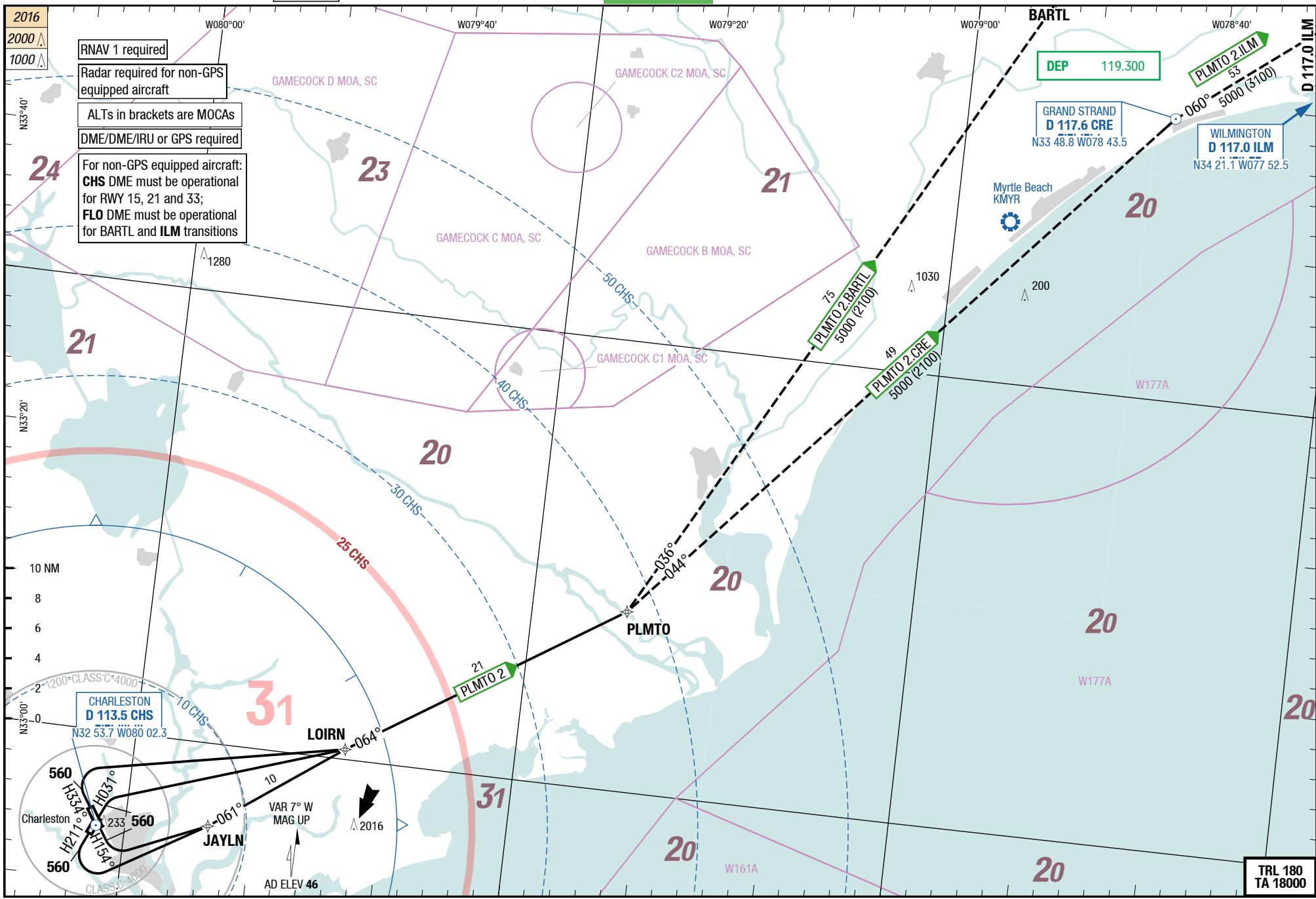
CHS-KCHS

4-40

PLMTO 2 RNAV

21

PLMTO 2 RNAV



CHS-KCHS**5-10****LGRHD 2 RNAV****LGRHD 2**

RWYs 03 (031°) / 15 (154°) / 21 (211°) / 33 (334°)

DESIGNATOR	ROUTING	ALTITUDES
LGRHD 2 120.700 ①		initial climb 4000
RWY 03	HDG 031° to 560 - LT direct HALEE - LGRHD	
RWY 15	HDG 154° to 560 - RT direct LGRHD	
RWY 21	HDG 211° to 560 - direct LGRHD	
RWY 33	HDG 334° to 560 - LT direct HALEE - LGRHD	
	TRANSITION	
	MILIE LGRHD - MILIE	

① Expect clearance to filed altitude/flight level 10 MIN after departure.

CHS-KCHS

5-20

MLTRE 2 RNAV / SWPFX 2 RNAV

SIDPT

MLTRE 2 / SWPFX 2

RWYs 03 (031°) / 15 (154°) / 21 (211°) / 33 (334°)

DESIGNATOR	ROUTING	ALTITUDES
MLTRE 2 119.300 ①		initial climb 4000
RWY 03	HDG 031° to 560 - LT direct MLTRE	
RWY 15	HDG 154° to 560 - LT direct ANGRE - MLTRE	
RWY 21	HDG 211° to 560 - LT direct ANGRE - MLTRE	
RWY 33	HDG 334° to 560 - direct MLTRE	
TRANSITION		
JYMSE MLTRE - JYMSE		
VANCE (VAN) MLTRE - VAN		
SWPFX 2 119.300 ①		initial climb 4000
RWY 03	HDG 031° to 560 - direct PALLI - SWPFX	
RWY 15	HDG 154° to 560 - LT direct ANGRE - PALLI - SWPFX	
RWY 21	HDG 211° to 560 - LT direct ANGRE - PALLI - SWPFX	
RWY 33	HDG 334° to 560 - RT direct PALLI - SWPFX	
TRANSITION		
FILLI SWPFX - FILLI		

① Expect clearance to filed altitude 10 MIN after departure.

CHS-KCHS**5-30****PLFMD 2 RNAV****PLFMD 2**

RWYs 03 (031°) / 15 (154°) / 21 (211°) / 33 (334°)

DESIGNATOR	ROUTING	ALTITUDES
PLFMD 2		
120.700		initial climb 4000
①		
RWY 03	HDG 031° to 560 - LT direct BRYSE - GULLA - PLFMD	
RWY 15	HDG 154° to 560 - RT direct TYLOR - GECHE- GULLA - PLFMD	
RWY 21	HDG 211° to 560 - RT direct TYLOR - GECHE - GULLA - PLFMD	
RWY 33	HDG 334° to 560 - LT direct GULLA - PLFMD	
	TRANSITION	
	ALLENDALE (ALD) PLFMD - ALD	
	COLLIERS (IRQ) PLFMD - FIBRO - IRQ	
	DUBLIN (DBN) PLFMD - DBN	

① Expect clearance to filed altitude/flight level within 10 MIN after departure.

CHS-KCHS**5-40****PLMTO 2 RNAV**

SIDPT

PLMTO 2

RWYs 03 (031°) / 15 (154°) / 21 (211°) / 33 (334°)

DESIGNATOR	ROUTING	ALTITUDES
PLMTO 2 119,300 ①		initial climb 4000
RWY 03	HDG 031° to 560 - RT direct LOIRN - PLMTO	
RWY 15	HDG 154° to 560 - LT direct JAYLN - LOIRN - PLMTO	
RWY 21	HDG 211° to 560 - LT direct JAYLN - LOIRN - PLMTO	
RWY 33	HDG 334° to 560 - RT direct LOIRN - PLMTO	
	TRANSITION	
	BARTL PLMTO - BARTL	
	GRAND STRAND (CRE) PLMTO - CRE	
	WILMINGTON (ILM) PLMTO - CRE - ILM	

① Expect clearance to filed altitude 10 MIN after departure.

CHS-KCHS

5-50

Obstacle Departure

Obstacle Departure

RWY	Notes
03	Electrical equipment, towers and trees beginning 98ft from DER, 409ft right of centerline, up to 104ft AGL/136ft MSL. Tree 2653ft from DER, 993ft left of centerline, up to 100ft AGL/139ft MSL.
15	Trees beginning 1297ft from DER, 772ft left of centerline, up to 100ft AGL/119ft MSL.
33	Trees beginning 2190ft from DER, 1002ft right of centerline, up to 100ft AGL/139ft MSL. Trees beginning 3061ft from DER, 1284ft left of centerline, up to 100ft AGL/144ft MSL.

04-FEB-2016

United States **Charleston** Charleston AFB/Intl

5-10

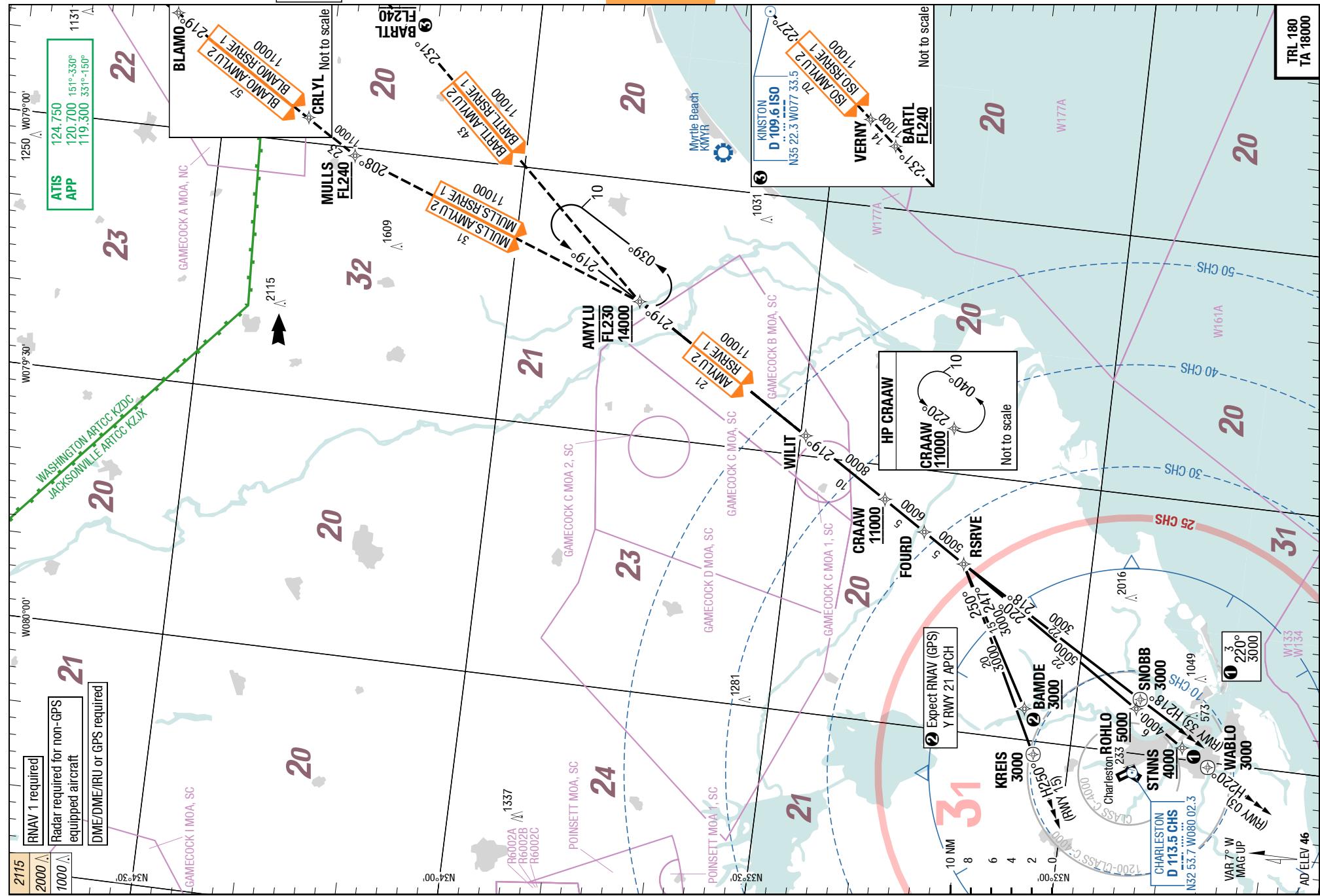
AMYLU 2 RNAV / RSRVE 1 RNAV

STAR

STAR

Charleston AFB/Intl **Charleston** United States

BAGGY 2 RNAV / DDENA 1 RNAV



04-FEB-2016

United States **Charleston** Charleston AFB/Intl

Charleston AFB/Intl **Charleston** United States

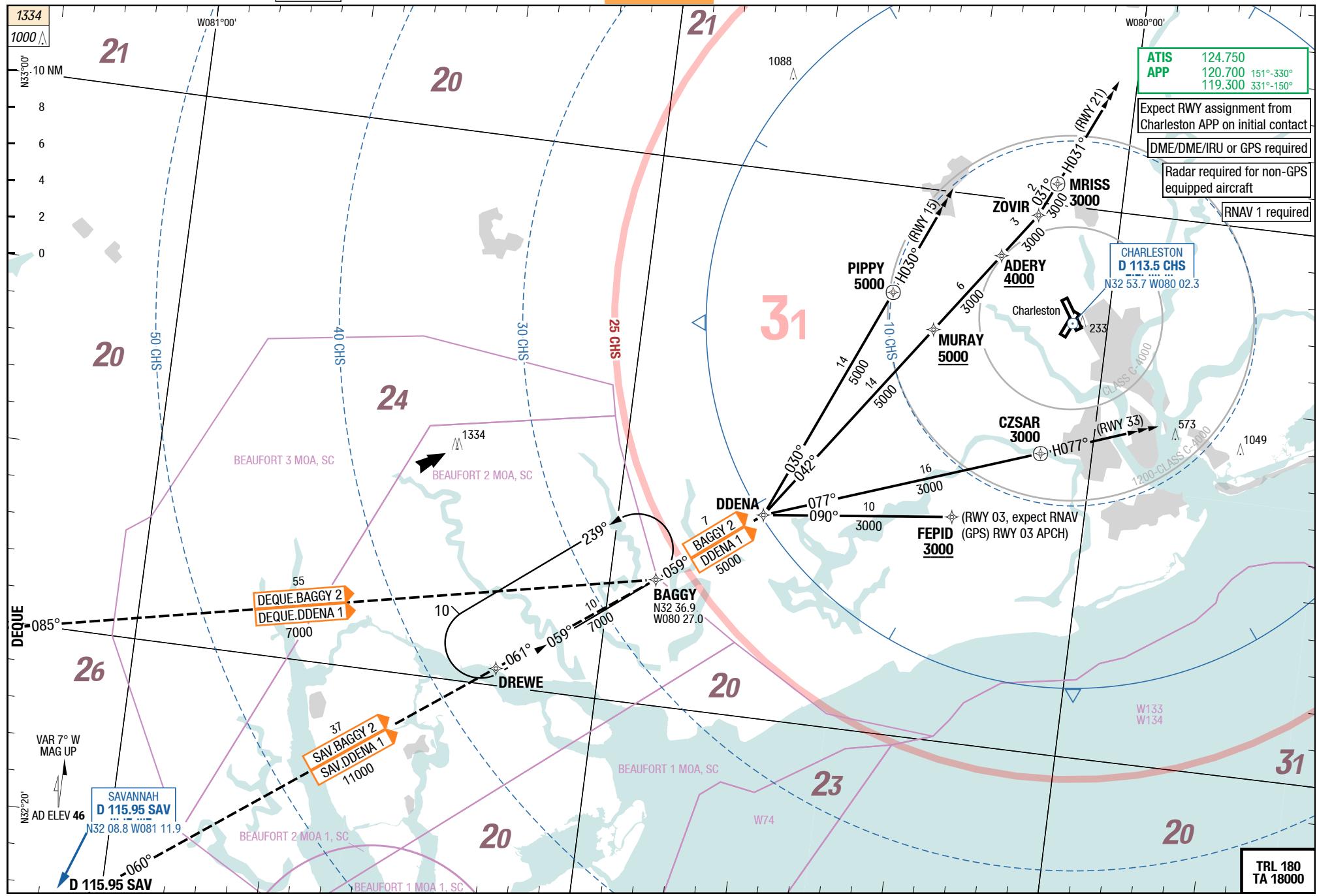
CHS-KCHS

6-20 BAGGY 2 RNAV / DDENA 1 RNAV

STAR

STAR

BAGGY 2 RNAV / DDENA 1 RNAV



ton Charleston AFB/Int
OSPRI 6 RNAV / TRTLLS 4 RNAV
1 RNAV / MKNZ 1 RNAV

Charleston AFB/Intl **Charleston**
OSPRI 6 RNAV / TRTLS 4 RNAV
GMSTR 1 RNAV / MIKNZI 1 RNAV

W079°00'

ATIS
APP

Expect RWY assignment from
Charleston APP on initial contact

DME/DME/IRU or GPS required
For non-GPS equipped aircraft,
DME/DME must be substituted

Radar required for non-GPS equipped aircraft

20

111

1

26

27

TA.GMSTR 1
TA.MKNZ 1
1000 1

2940 MET FL24

IAC

ILS or LOC 15 109.7 ICHS

LOC 3.12° D CHS

		5.8	5	4	3
1600	1600	1350	1020	680	

CHS

LOC DME CHS APL U/S

GS	120	140	160
D5.8 CHS	660	770	880
-MAPt	2:16	1:57	1:42

Circling TERPS

15	Cat 2	Cat 1 ₁₎	Cat 1 ₂₎	LOC DME CHS	LOC DME CHS APL U/S	15	
C	ft - ft/SM ft	100 - 1200R 97 RA	200 - 1400R 250	200 - 1800R/0.5V 250	360 - 3000R/0.63V 400	360 - 5500R/1.0V 400	600 - 1.5V 650
D	ft - ft/SM ft	100 - 1200R 97 RA	200 - 1400R 250	200 - 1800R/0.5V 250	360 - 3000R/0.63V 400	360 - 5500R/1.0V 400	700 - 2.25V 750

Notes:

- With EVS RVR 1200ft/ w/o EVS use STD
- With EVS RVR 1200ft/ VIS 0.2SM, w/o EVS use STD

1) With EVS RVR 1200ft, wo EVS use STD

2) With EVS RVR 1200ft/ VIS 0.2SM, wo EVS use STD

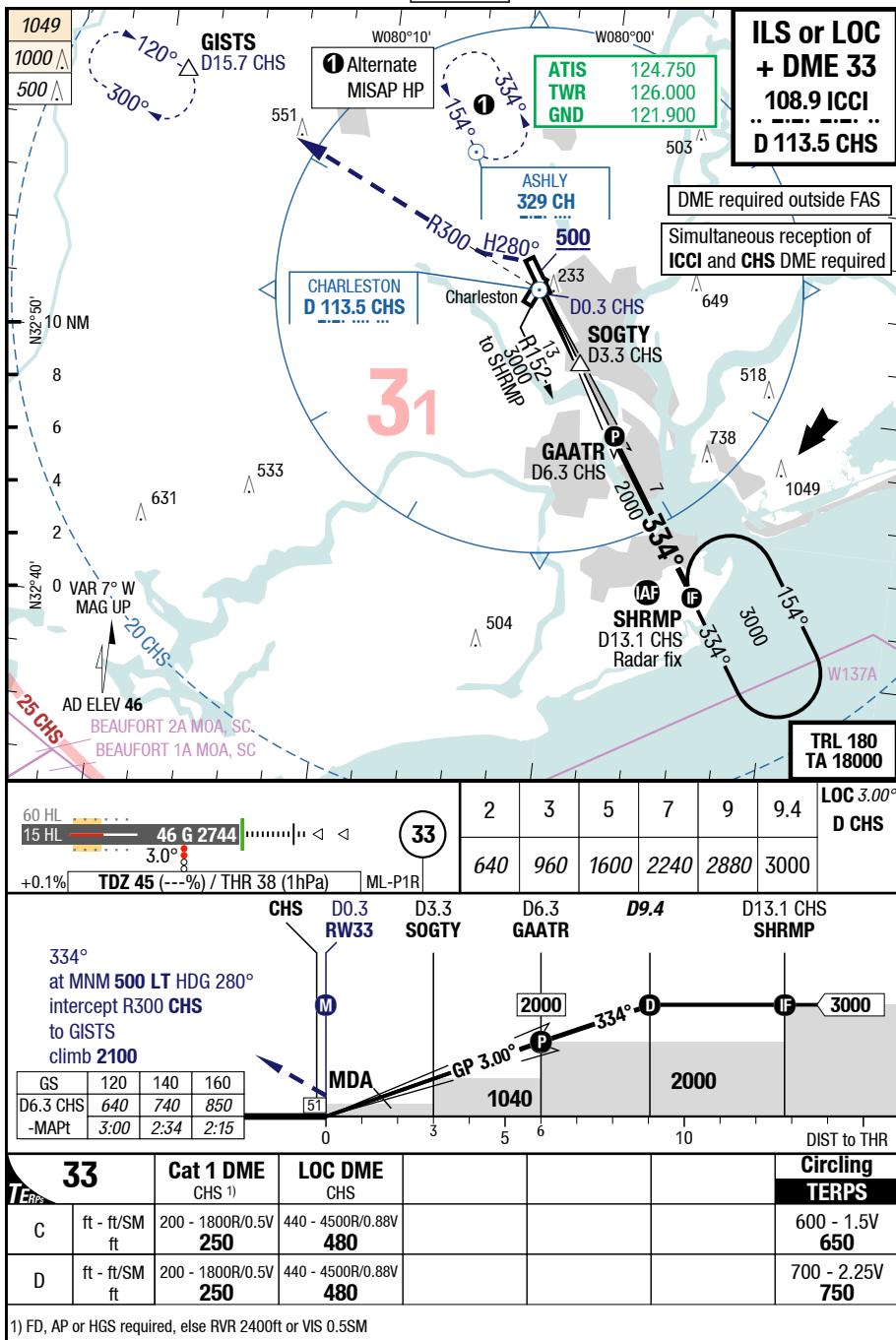
25-JAN-2018

CHS-KCHS

7-20

ILS or LOC + DME 33

IAC



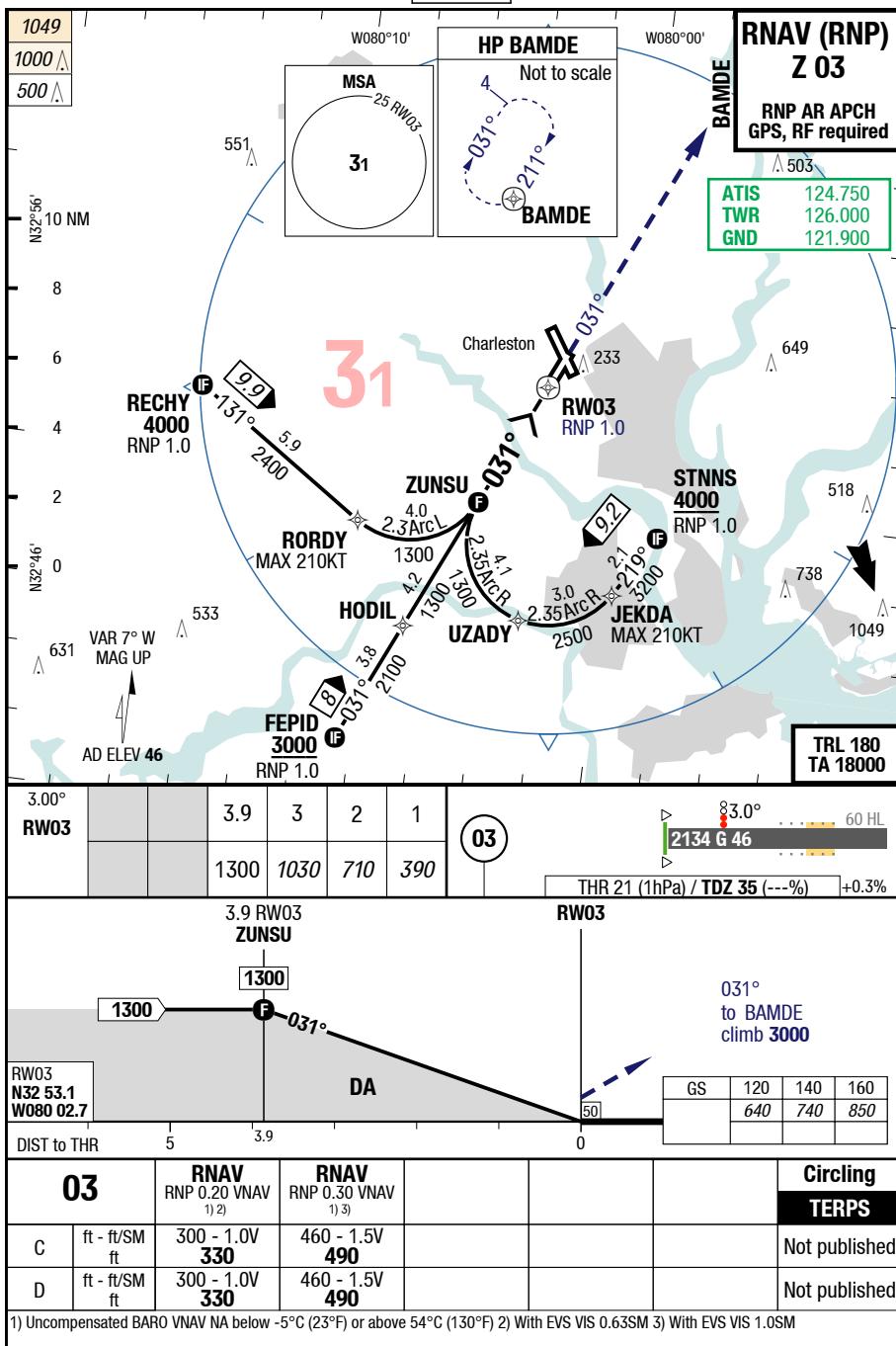
29-DEC-2016

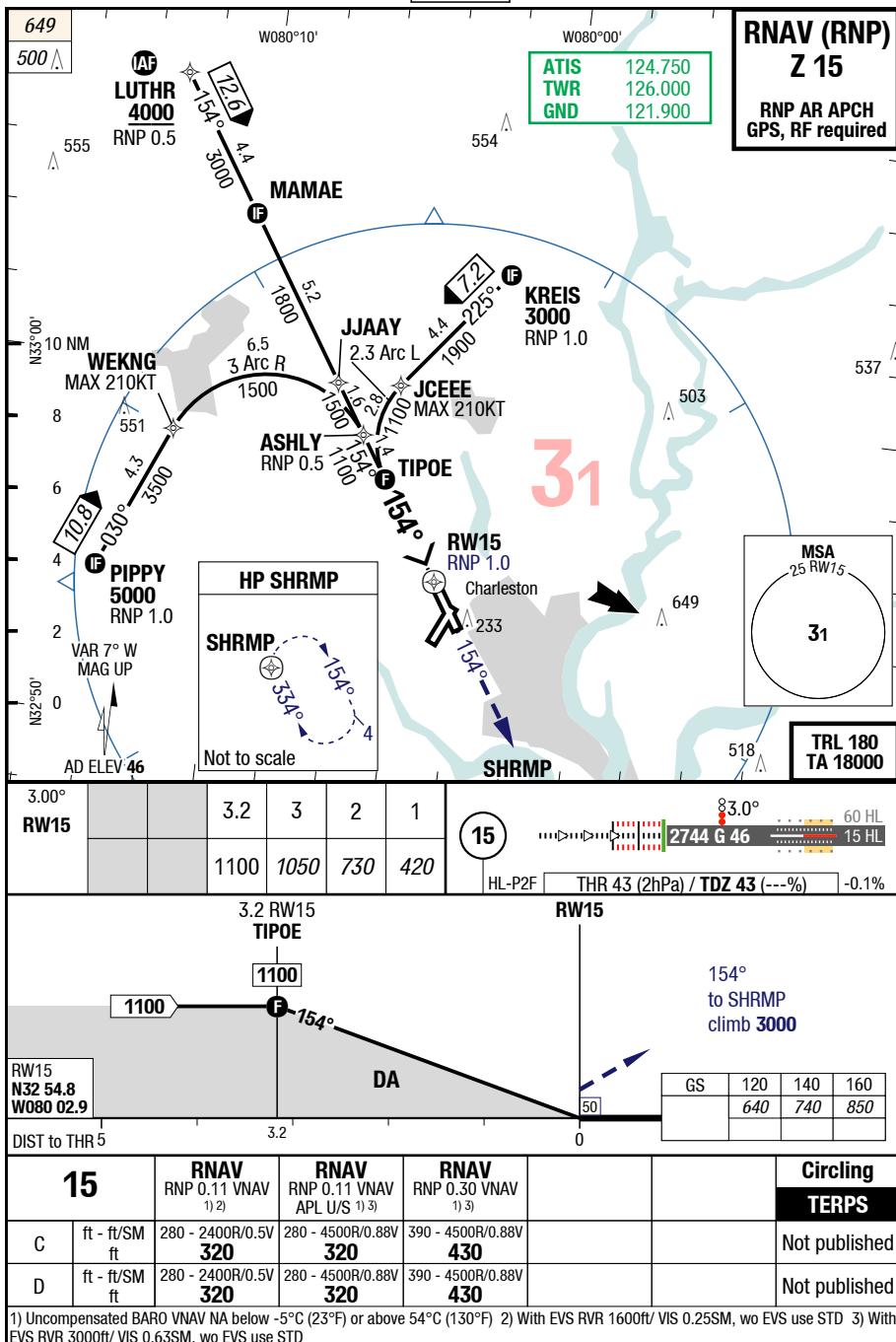
United States **Charleston** Charleston AFB/Intl**CHS-KCHS**

7-30

RNAV (RNP) Z 03

IAC





1) Uncompensated BARO VNAV NA below -5°C (23°F) or above 54°C (130°F) 2) With EVS RVR 1600ft/ VIS 0.25SM, wo EVS use STD 3) With EVS RVR 3000ft/ VIS 0.63SM, wo EVS use STD

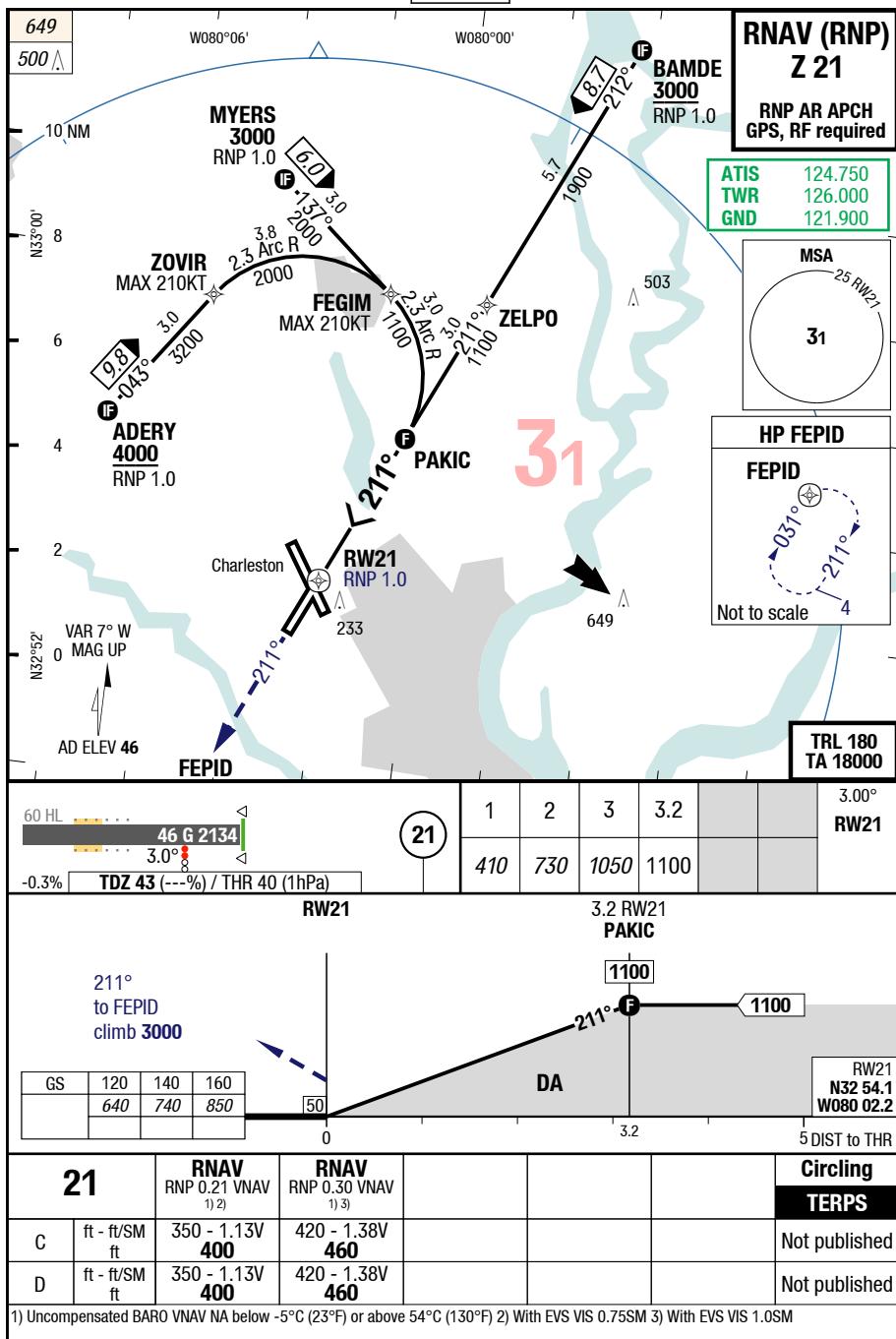
29-DEC-2016

CHS-KCHS

7-50

RNAV (RNP) Z 21

IAC



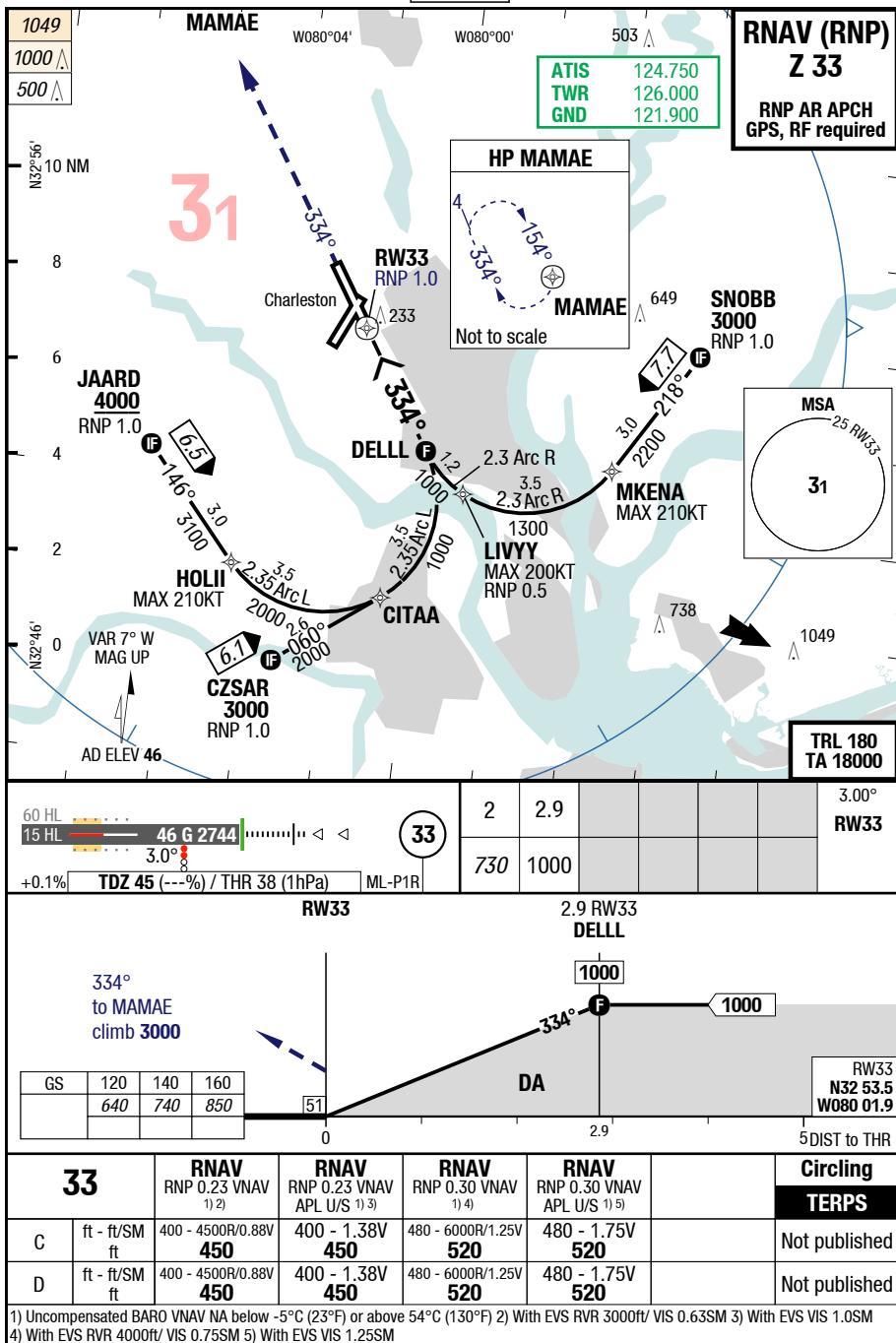
29-DEC-2016

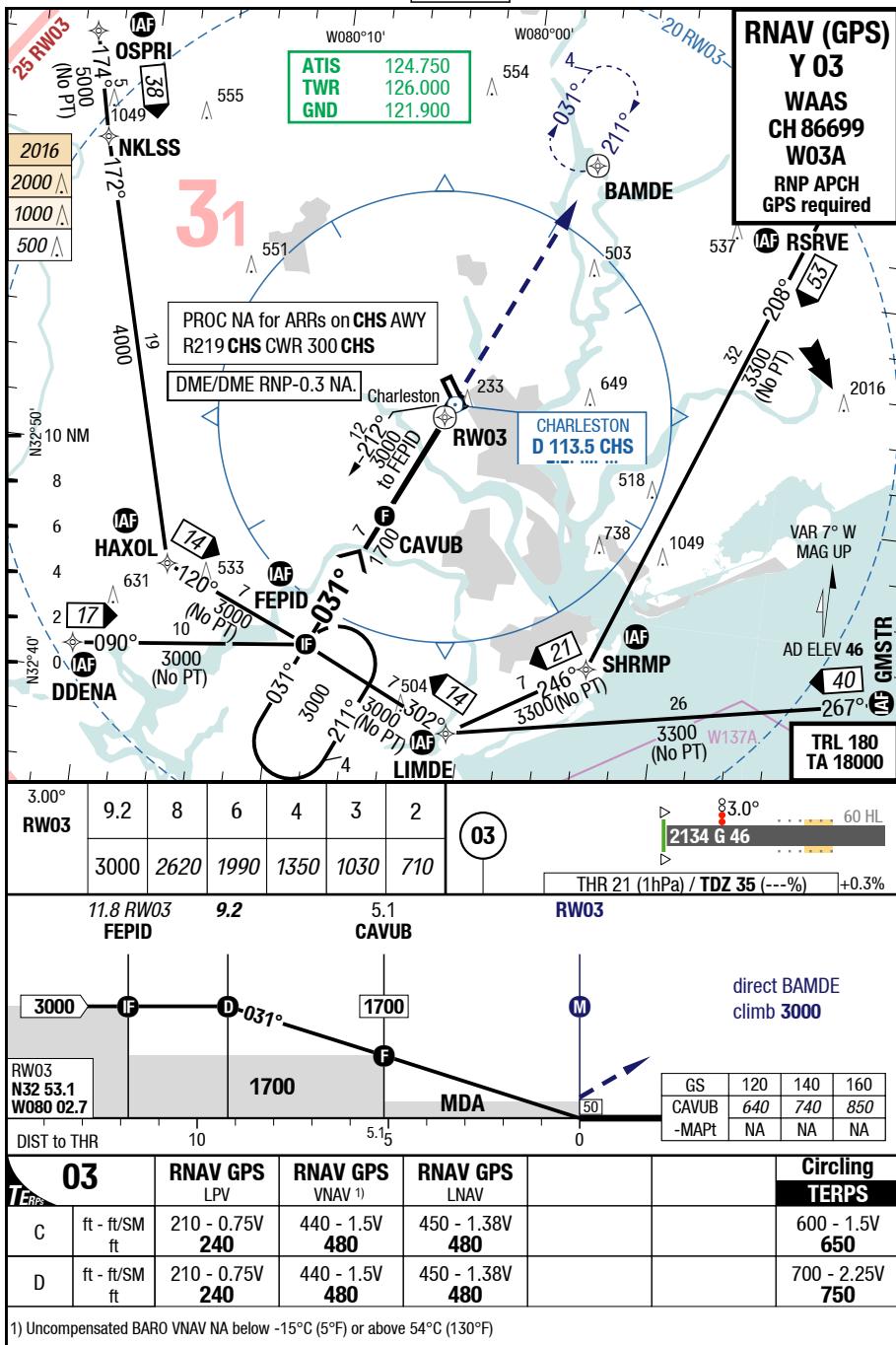
CHS-KCHS

7-60

RNAV (RNP) Z 33

IAC



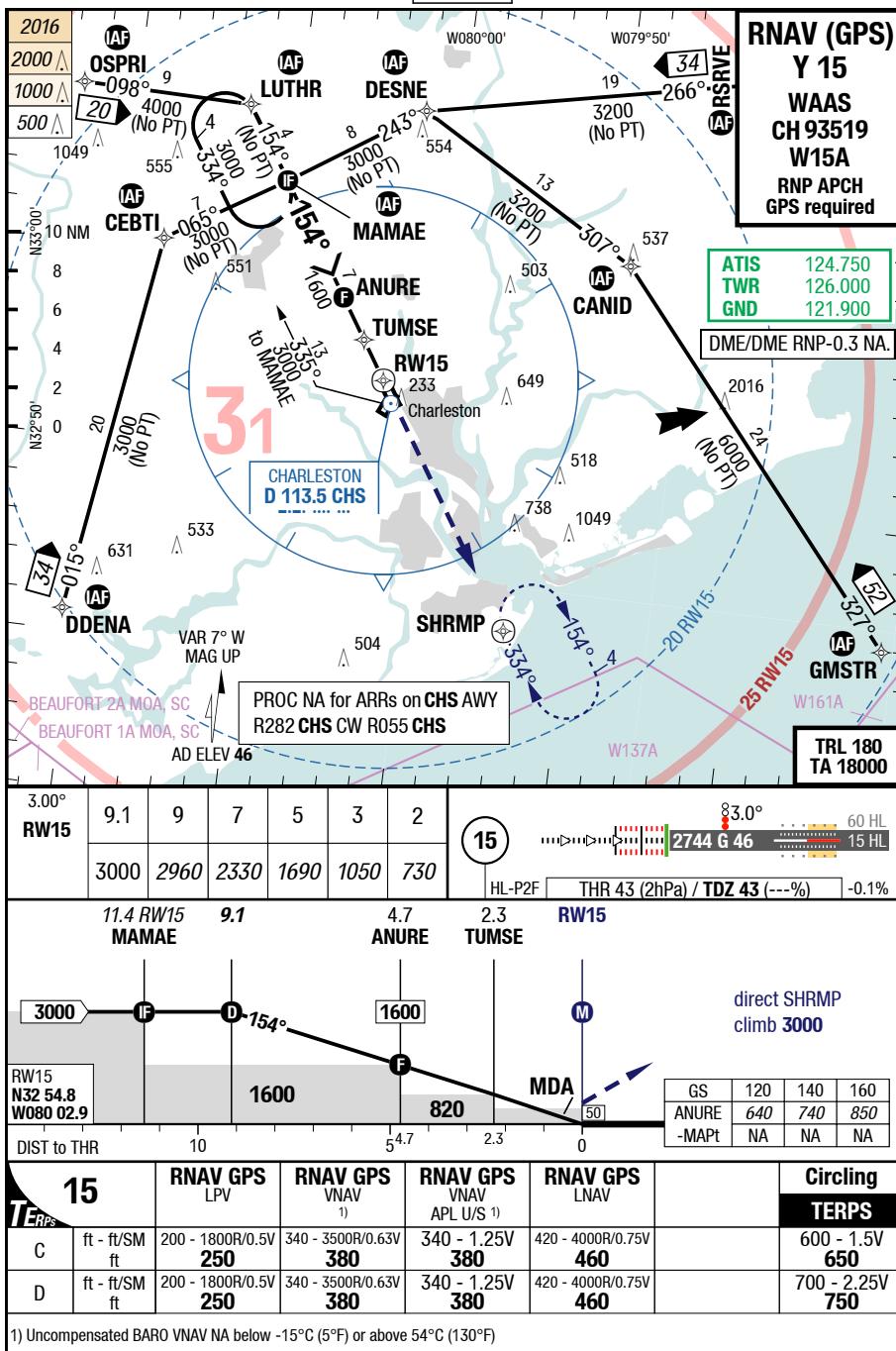


1) Uncompensated BARO VNAV NA below -15°C (5°F) or above 54°C (130°F)

25-JAN-2018

CHS-KCHS

7-80

RNAV (GPS) Y 15

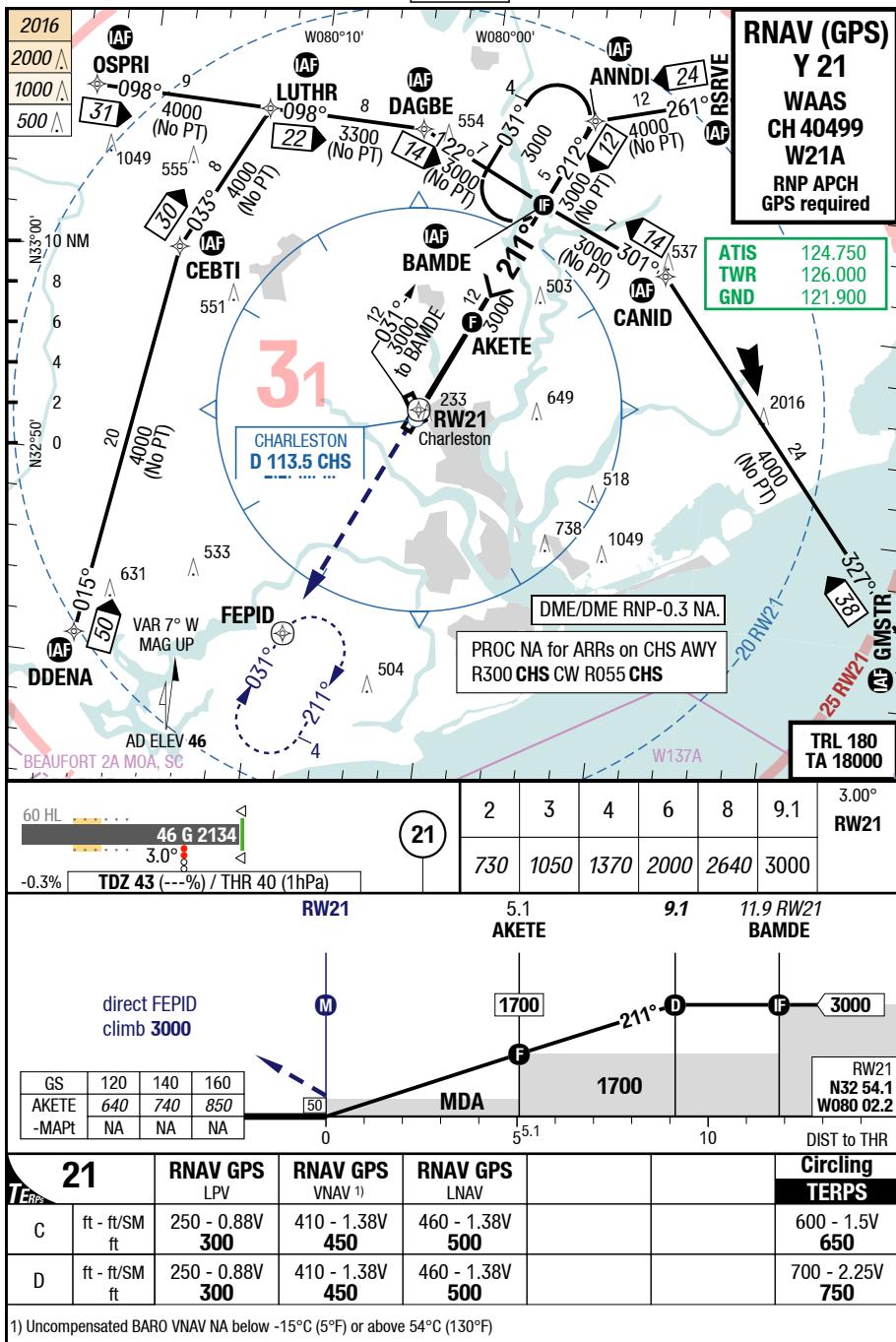
25-JAN-2018

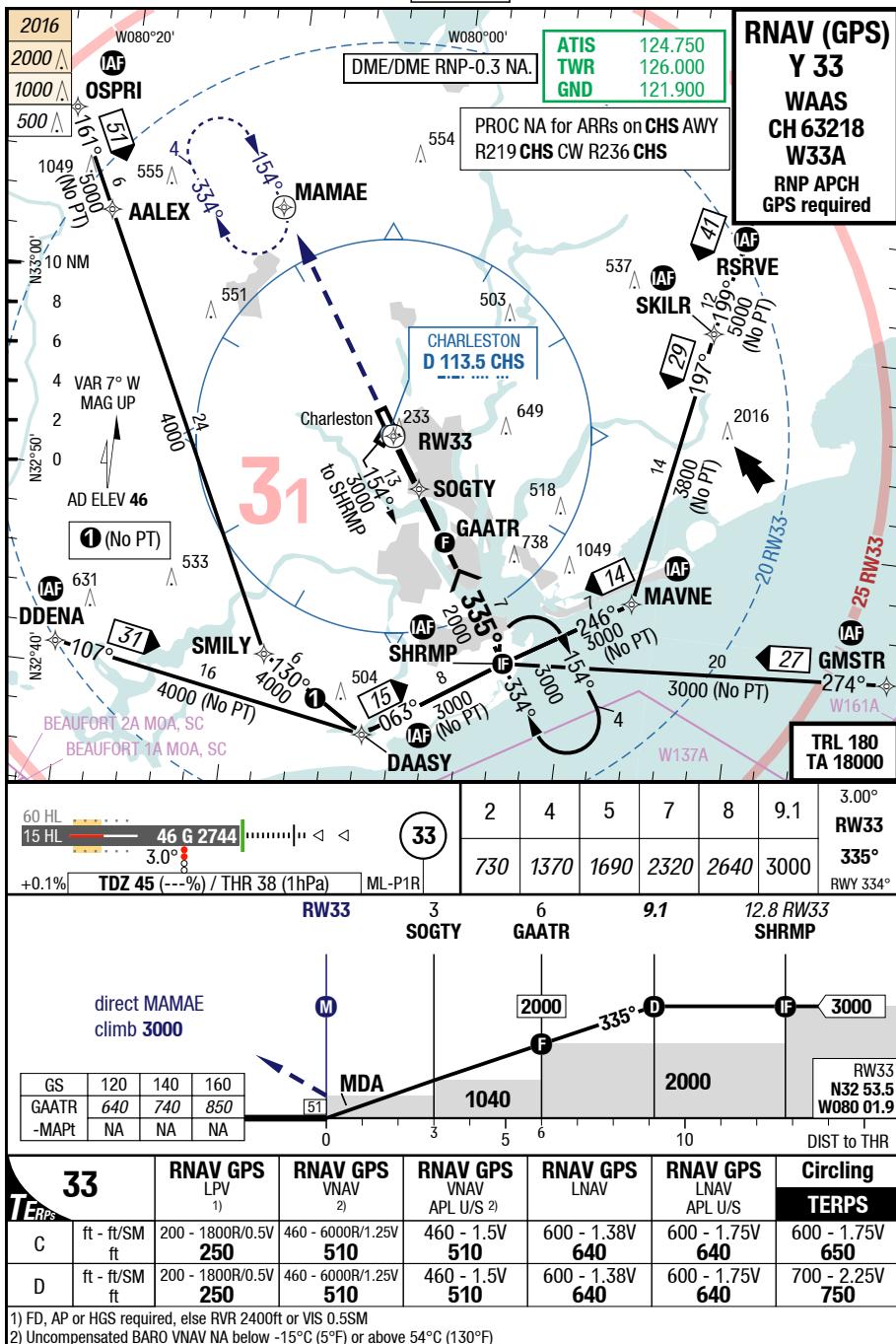
CHS-KCHS

7-90

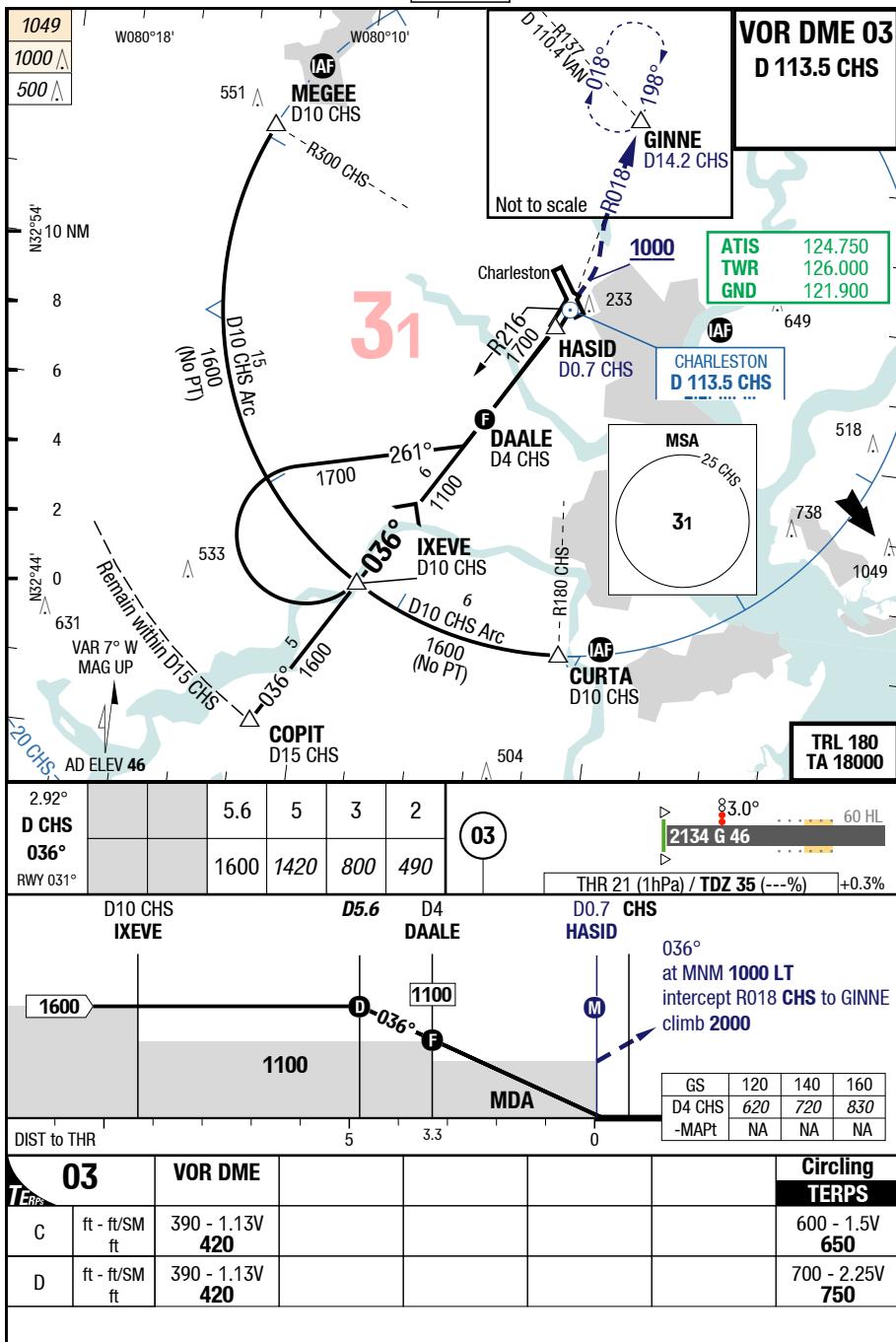
RNAV (GPS) Y 21

IAC





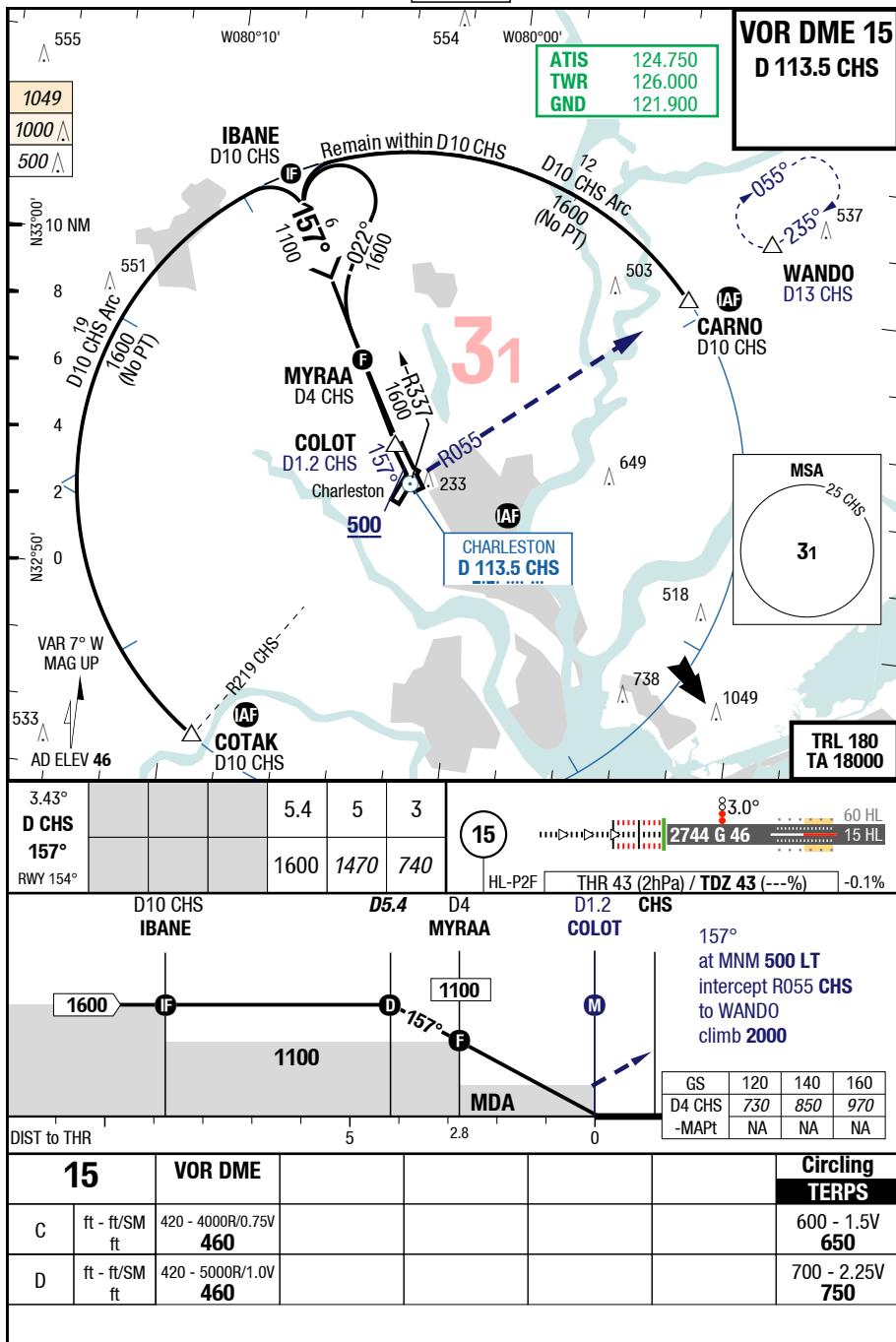
29-DEC-2016

United States **Charleston** Charleston AFB/Intl**CHS-KCHS****7-110****VOR DME 03**

29-DEC-2016

CHS-KCHS

7-120

VOR DME 15

29-DEC-2016

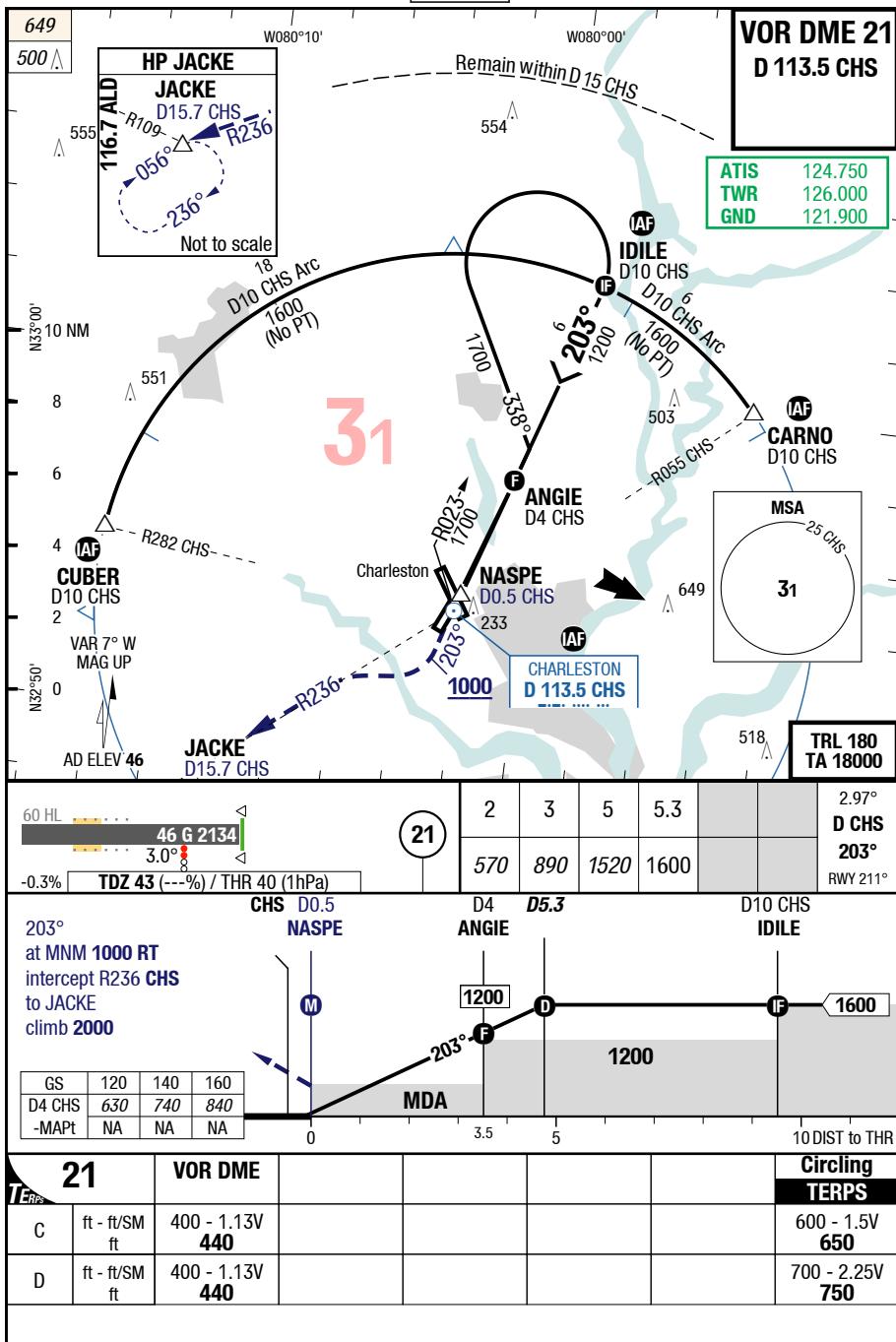
United States **Charleston** Charleston AFB/Intl

CHS-KCHS

7-130

VOR DME 21

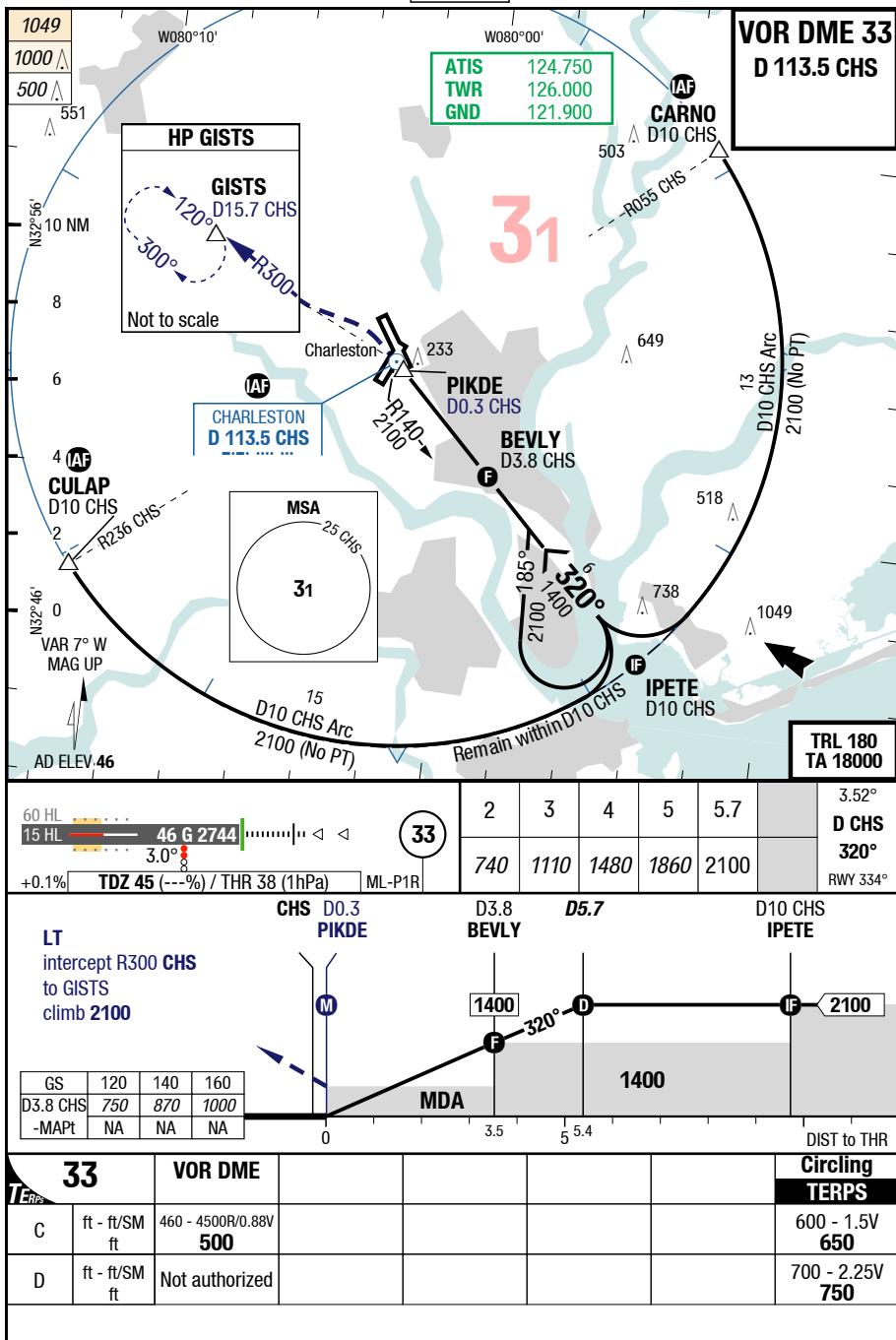
14



Changes: APL, ALT, OBST, MISAP text, Editorial

AMDT 14A

29-DEC-2016

United States **Charleston** Charleston AFB/Intl**CHS-KCHS****7-140****VOR DME 33****IAC**

29-DEC-2016

CHS-KCHS

7-150

WxMinima Overflow

15		LOC wo WENEX					
C	ft - ft/SM ft	480 - 5000R/1.0V 520					
D	ft - ft/SM ft	480 - 5000R/1.0V 520					