

GENERAL**Operational Hours****ATS Hours:** TWR MON 0900± - FRI 0100±, SAT 1500-2200±, SUN/HOL CLSD**AD OPS Hours:** by NOTAM**Airport Information****RFF:** O/R**Fuel:** Jet A++**PCN:** RWY 04/22: 56/R/A/W/T

RWY 07/25: 40/R/B/W/T

RWY 16/34: 53/R/B/W/T

Operation**Traffic Note**

AD PPR MIN 24HR and not more than 7 days prior.

PPR valid +/- 30min, LDG/TKOF outside off block time requires new PPR.

Preferential RWY

Heavy ACFT expect to land RWY 22.

RWY Restriction

180° turns on RWY prohibited without approval from AD manager.

RWY 16/34 MAX wingspan 53m / 175ft.

RWY 07/25:

Prohibited for heavy ACFT.

No 180° turns on RWY.

RWY 22:

Exit RWY on TWY R and hold short TWY G.

RWY 04/22, 16/34:

180° turns on RWY end only.

TWY Restriction

TWY B MAX wingspan 42m / 138ft.

TWY E and F (north of RWY 25) MAX wingspan 43m /140ft.

TWY D (north of TWY C) MAX wingspan 53m / 175ft.

GENERAL**Hot Spots**

Hot Spot No.	DESCRIPTION
HS1	TWY R, TWY G and TWY L have multiple hold lines for RWY 07/25 and RWY 04/22. Contact TWR if confused or lost.
HS2	Hold line on TWY/EOR A and TWY/EOR H have multiple POV access roads, possibility of high vehicle TFC.
HS3	Hold line on TWY/EOR B and TWY C for RWY 07/25 have multiple POV access roads, possibility of high vehicle TFC.
HS4	Multiple hold lines at intersecting RWYs. LDG/DEP ACFT disregard hold lines, taxiing ACFT contact TWR prior to crossing hold lines.
HS5	Multiple hold lines where RWYs intersect. Hold line also at TWY D. Contact TWR if confused or lost.
HS6	POC crossing controlled by TWR. Hold line located on each side of RWY 07/25. Possibility of high vehicle TFC.

Taxi

High risk of RWY incursion on INT TWYs G/R and RWY 04/22, exercise extreme caution. See HS1.

Minimize thrust during GND OPS, airfield has a high potential for FOD from engine blast.

Warnings

HMN DME unusable:

R030-R120 beyond 25NM below 18000ft.

HMN DME unmonitored when RAPCON closed.

HMN DME MAINT: TUE 1200-1400±.

I-MUK ILS RWY 16 MAINT: FRI 1200-1400±.

I-MUK GS RWY 16 MAINT: THU 1200-1400±.

I-HMN ILS RWY 22 MAINT: MON 1200-1400±.

I-HMN GS RWY 22 MAINT: WED 1200-1400±.

LOC/GS RWY 16 unmonitored outside OPS Hours.

RWYs 04, 16 and 22: Reduced braking action on end of RWY when RWY is wet.

Portions of AD not visible from TWR.

Mountainous terrain 10NM E and 20NM W of AD.

Uncontrolled Vehicles on movement area.

Unmanned ACFT Systems operating in AD airspace.

ARRIVAL**Speed**

Max IAS 250KT below 10000ft.

Communication**COM Failure:** See CRAR.**Arrival Procedure****ILS RWY 16** AVBL for circling APCH RWY 22.**Noise Abatement Procedure**

Avoid over flying the White Sands National Monument (WSNM) Visitor's Center by at least 1500 AGL or 1NM.

DEPARTURE**Take-off Minima**

RWY		22	
1+2 ENG	ft - ft/SM	0 - 1.0V	MNM climb gradient 7.4% up to 14100
3+4 ENG		0 - 0.5V	
All ACFT		c8000 - 3.0V	-
RWY		04	
1+2 ENG	ft - ft/SM	0 - 1.0V	MNM climb gradient 7.8% up to 14100
3+4 ENG		0 - 0.5v	
All ACFT		c8000 - 3.0V	-
RWY		34	
1+2 ENG	ft - ft/SM	0 - 1.0V	MNM climb gradient 7.9% up to 14100
3+4 ENG		0 - 0.5V	
All ACFT		c8000 - 3.0V	-
RWY		25	
1+2 ENG	ft - ft/SM	0 - 1.0V	MNM climb gradient 8.1% up to 14100
3+4 ENG		0 - 0.5V	
All ACFT		c8000 - 3.0V	-
RWY		16	
1+2 ENG	ft - ft/SM	0 - 1.0V	MNM climb gradient 8.2% up to 14100
3+4 ENG		0 - 0.5V	
All ACFT		c8000 - 3.0V	-
RWY		07	
ALL ACFT	ft - ft/SM	Not authorized	-

HMN-KHMN

1-40

A0I

A0I

DEPARTURE

Speed

Max IAS 250KT below 10000ft.

Communication

COM Failure: See CRAR.

HMN-KHMN

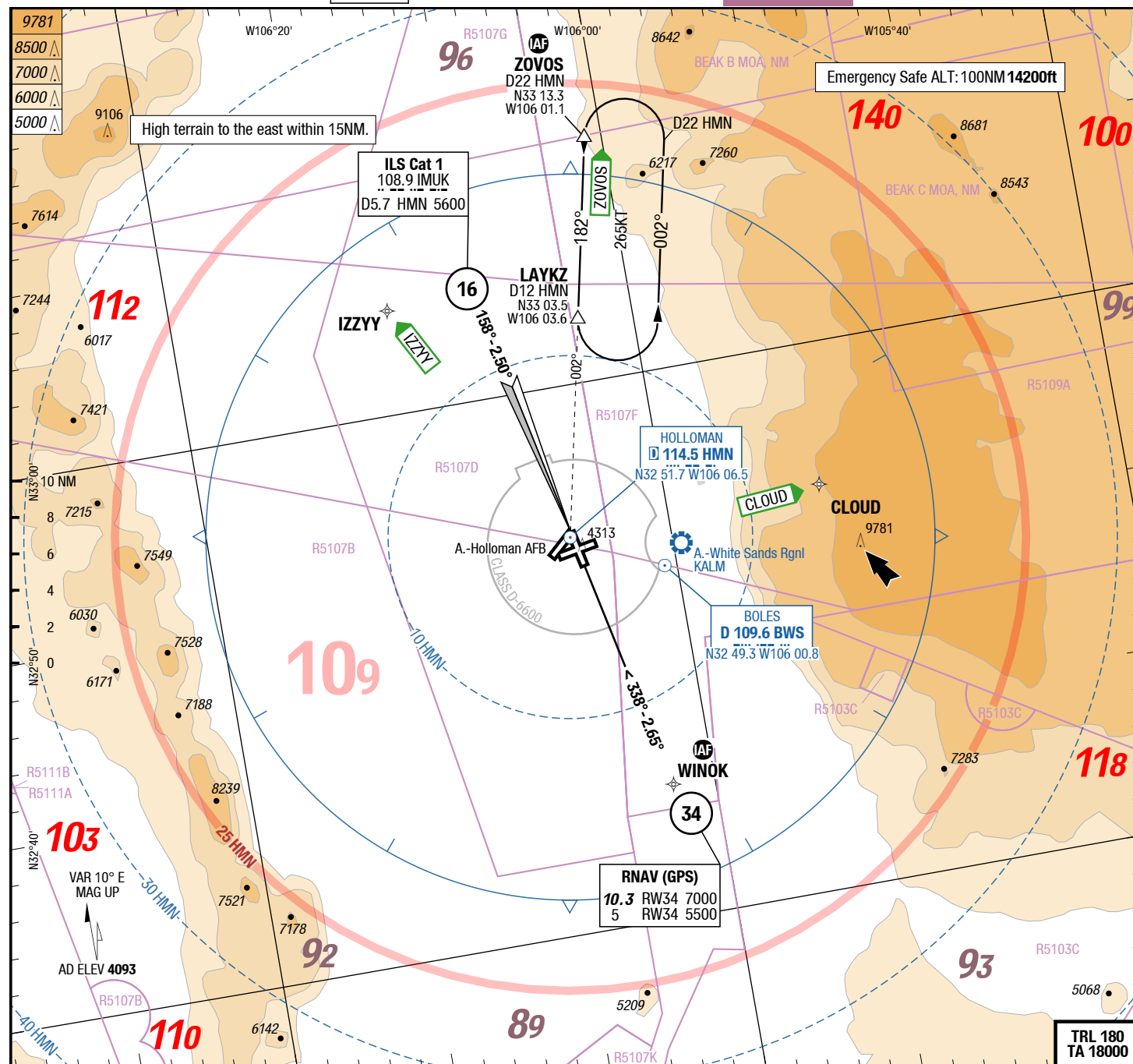
AFC

AFC

AFC

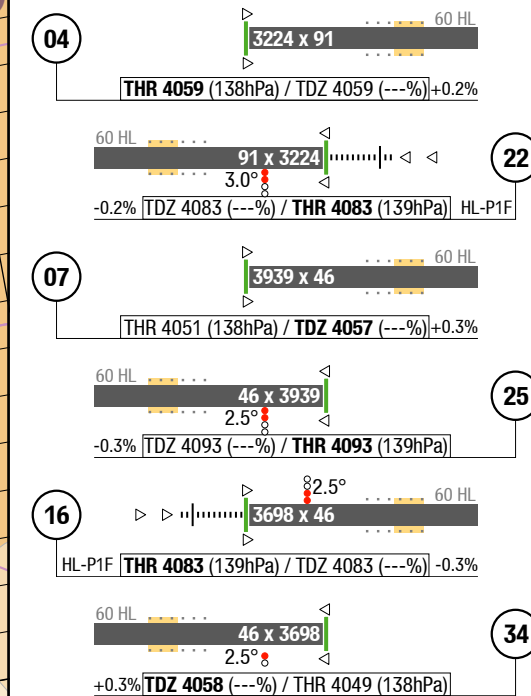
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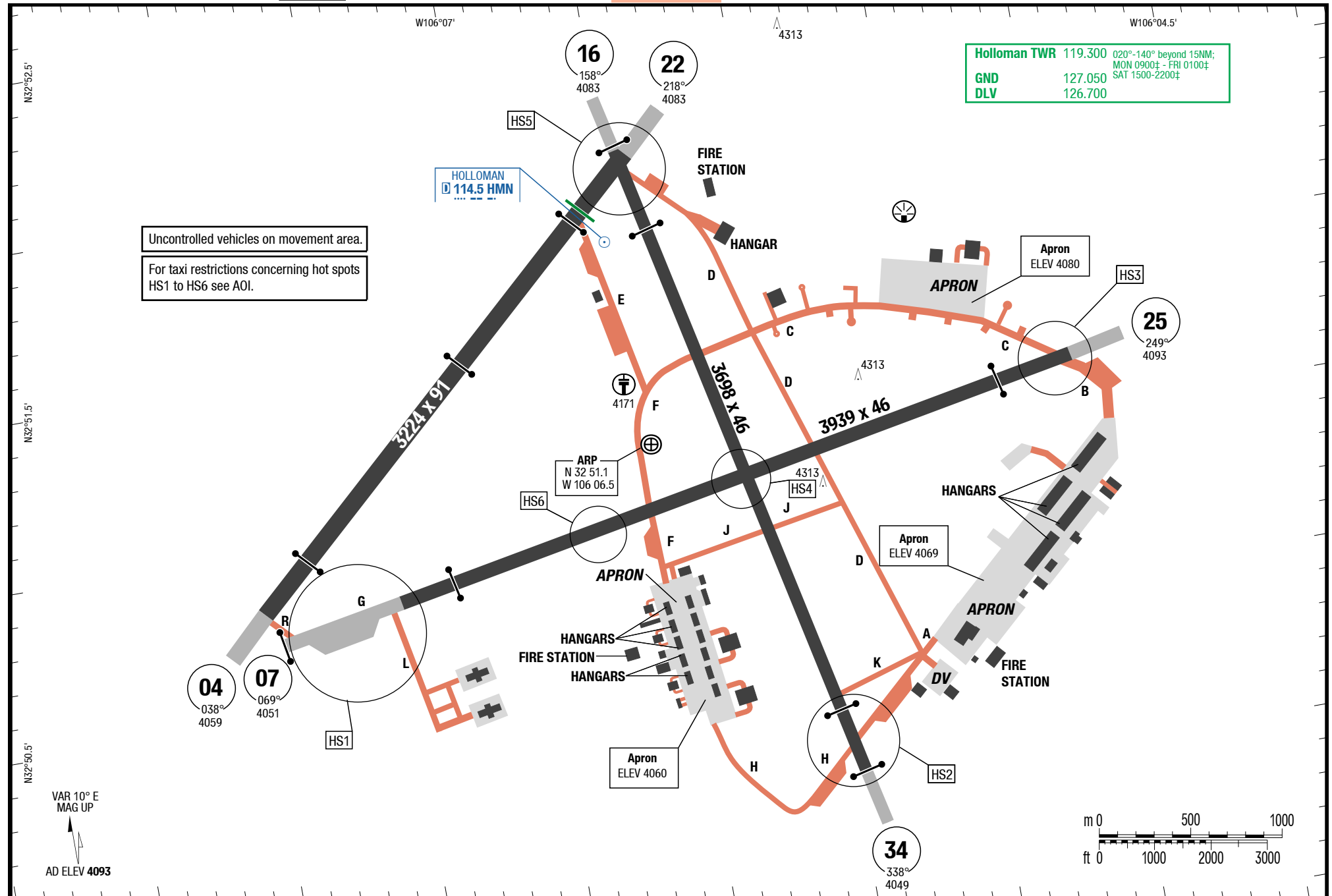


Holloman APP	120.600	020°-140° beyond 15NM; MON 0900† - FRI 0100† SAT 1500† - 2200†
Holloman DEP	128.100	020°-140° beyond 15NM; MON 0900† - FRI 0100†
Albuquerque APP/DEP	132.650	FRI 0100† - SAT 1500† SAT 2200† - MON 0100†
Holloman TWR	119.300	020°-140° beyond 15NM; MON 0900† - FRI 0100† SAT 1500-2200†
GND	127.050	
DLV	126.700	

Landing RWY system:



Changes: TDZE, PROC, WPT , THR ELEV



01-FEB-2018

United States **Alamogordo** Holloman AFB

IZZYY 1 RNAV

HMN-KHMN

4-10

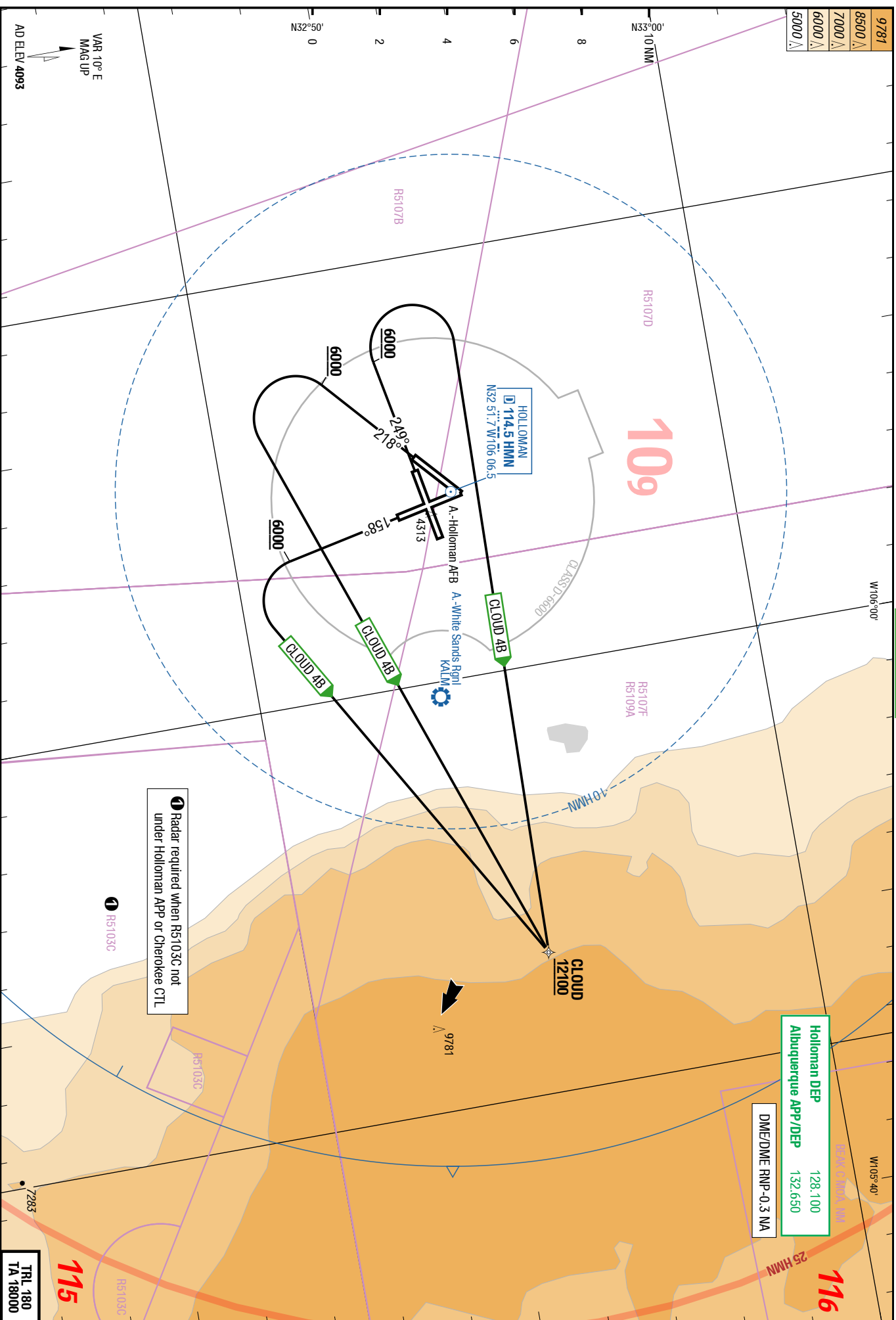
CLOUD 4B RNAV

SID
SID

Holloman AFB **Alamogordo** United States

IZZYY 1 RNAV

CLOUD 4B RNAV



01-FEB-2018

HMN-KHMN

United States **Alamogordo** Holloman AFB

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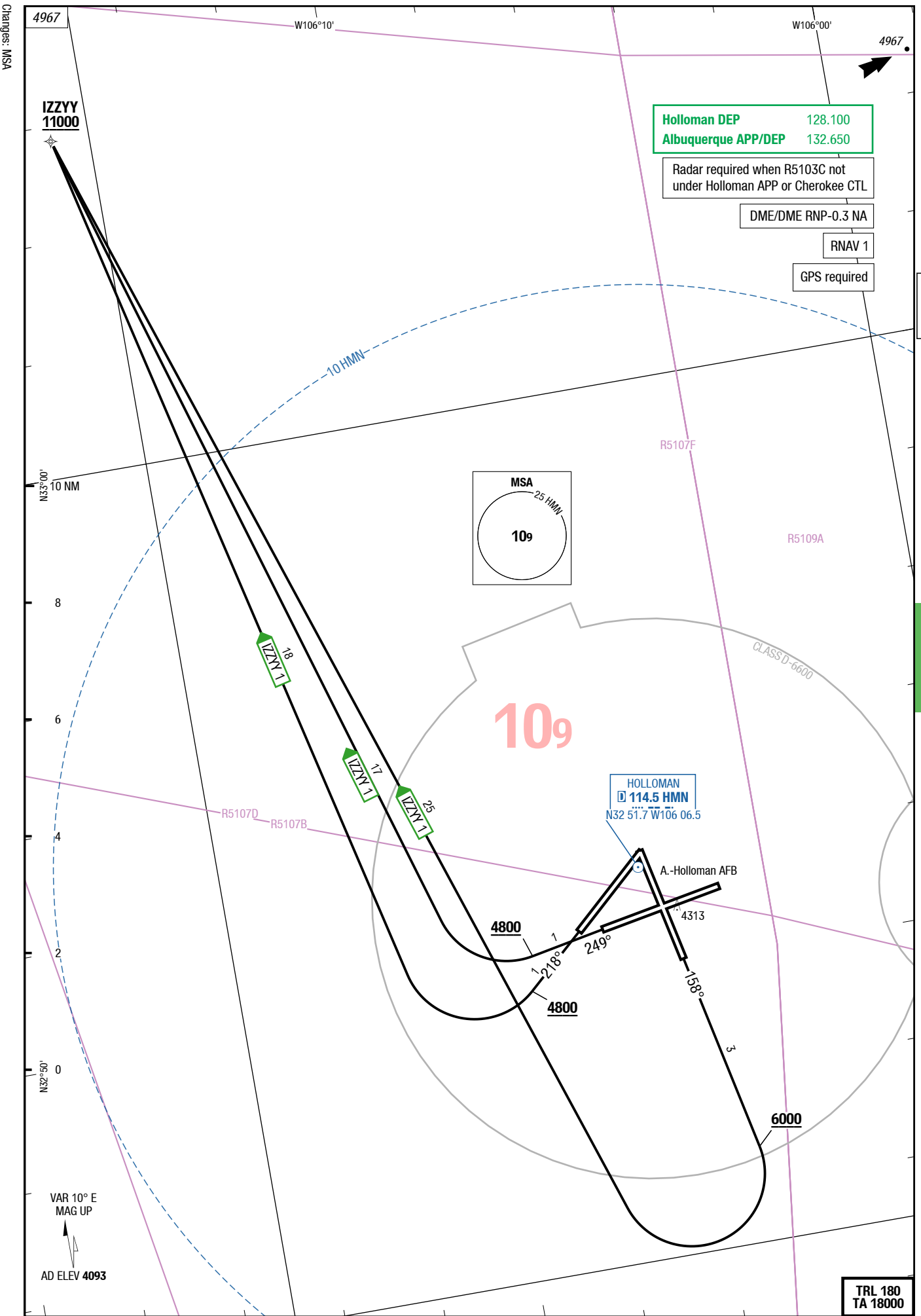
IZZYY 1 RNAV

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IZZYY 1 RNAV

Holloman AFB **Alamogordo** United States



Effective 19-JUL-2018

12-JUL-2018

United States **Alamogordo** Holloman AFB

HMN-KHMN

4-30

CLOUD 4A

[ZONES 1]

SID

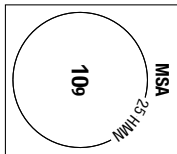
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Holloman AFB **Alamogordo** United States

CLOUD 4A

[ZONES 1]

9781
8500
7000
6000
5000



HOLLOMAN
D 114.5 HMN
N32 51.7 W106 06.5
9000

RS107B
RS107D

A. Holloman AFB

4313

240°

218°

158°

6000

6000

6000

109

A. White Sands Rgnl
KALW

RS107F

CLOUD 4A
14

10 NM

W105°50'

Holloman DEP 128.100
Albuquerque APP/DEP 132.650

Caution:
Procedure partly based on
TACAN azimuth guidance

CLOUD
12100
D14 HMN
N32 52.2
W105 49.9

9781

① Radar required when RS103C not
under Holloman APP or Cherokee CTL.

① RS103C

N32°46'
0
VAR 10° E
MAG UP

AD ELEV 4093

TPL 180
TA 18000

Changes: PROG, chart title

HMN-KHMN

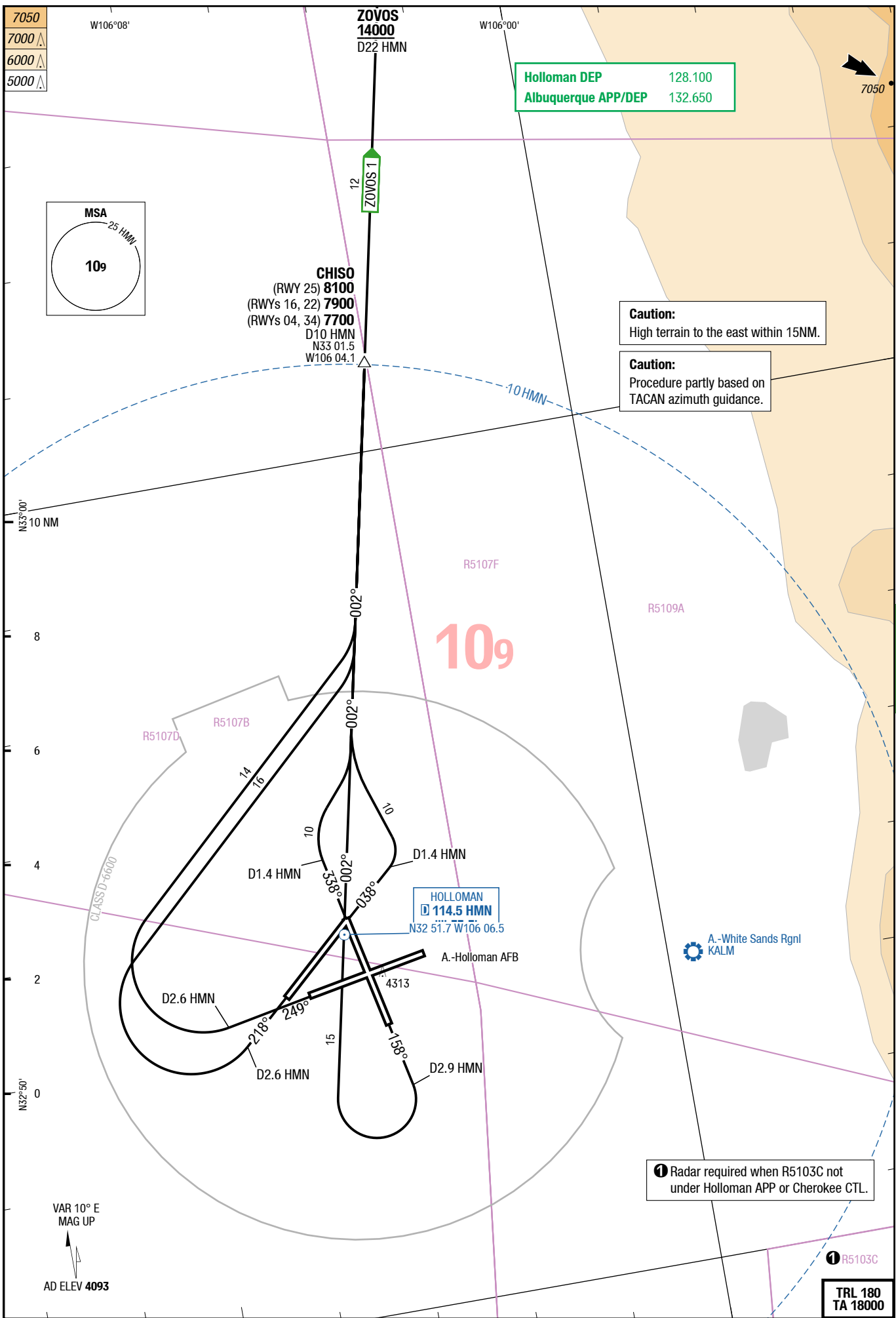
4-40

ZOVOS 1

SID

SID

ZOVOS 1



Changes: Nil

CLOUD 4B

RWYs 16 (158°) / 22 (218°) / 25 (249°)

	GS	120	150	180	210	240	270
8.0%	ft/MIN	1000	1300	1500	1800	2000	2200

DESIGNATOR	ROUTING	ALTITUDES
CLOUD 4B CLOU 4B 8.0% to 12100 128.100		CLOUD MNM 12100
RWY 16	at MNM 6000 LT direct to CLOUD	
RWY 22	at MNM 6000 LT direct to CLOUD	
RWY 25	at MNM 6000 RT direct to CLOUD	

12-JAN-2017

HMN-KHMN**5-20****IZZYY 1 RNAV****SIDPT****IZZYY 1**

RWYs 16 (158°) / 22 (218°) / 25 (249°)

	GS	120	150	180	210	240	270
6.6%	ft/MIN	900	1100	1300	1500	1700	1900
7.0%	ft/MIN	900	1100	1300	1500	1800	2000
7.9%	ft/MIN	1000	1300	1500	1700	2000	2200

DESIGNATOR	ROUTING	ALTITUDES
IZZYY 1 128.100		IZZYY MNM 11000
RWY 16 7.0% to 11000	at MNM 6000 RT direct IZZYY	
RWY 22 6.6% to 11100	at MNM 4800 RT direct IZZYY	
RWY 25 7.9% to 11000	at MNM 4800 RT direct IZZYY	

Changes: Nil

HMN-KHMN

5-30

CLOUD 4A**CLOUD 4A**

RWYs 16 (158°) / 22 (218°) / 25 (249°)

	GS	120	150	180	210	240	270
7.2%	ft/MIN	900	1100	1400	1600	1800	2000
7.3%	ft/MIN	900	1200	1400	1600	1800	2000

DESIGNATOR	ROUTING	ALTITUDES
CLOUD 4A CLOU 4A 128.100		HMN MNM 9000 CLOUD MNM 12100
RWY 16 7.3% to 12100	at MNM 6000 RT direct HMN - intercept 078° HMN outbound to CLOUD	
RWY 22 7.2% to 12100	at MNM 6000 LT direct HMN - intercept 078° HMN outbound to CLOUD	
RWY 25 7.3% to 12100	at MNM 6000 LT direct HMN - intercept 078° HMN outbound to CLOUD	

HMN-KHMN

5-40

ZOVOS 1**ZOVOS 1**

RWYs 04 (038°) / 16 (158°) / 22 (218°) / 25 (249°) / 34 (338°)

	GS	120	150	180	210	240	270
6.9%	ft/MIN	900	1100	1300	1500	1700	1900
7.2%	ft/MIN	900	1100	1400	1600	1800	2000
7.5%	ft/MIN	1000	1200	1400	1600	1900	2100

DESIGNATOR	ROUTING	ALTITUDES
ZOVOS 1 128.100 ^①		
RWY 04 7.5% to 14100	at D1.4 after HMN LT intercept 002° HMN outbound CHISO - ZOVOS	CHISO at 7700 ZOVOS MNM 14000
RWY 16 7.2% to 14100	at D2.9 HMN RT intercept 002° HMN outbound CHISO - ZOVOS	CHISO at 7900 ZOVOS MNM 14000
RWY 22 7.2% to 14100	at D2.6 HMN RT intercept 002° HMN outbound CHISO - ZOVOS	CHISO at 7900 ZOVOS MNM 14000
RWY 25 6.9% to 14100	at D2.6 HMN RT intercept 002° HMN outbound CHISO - ZOVOS	CHISO at 8100 ZOVOS MNM 14000
RWY 34 7.5% to 14100	at D1.4 after HMN RT intercept 002° HMN outbound CHISO - ZOVOS	CHISO at 7700 ZOVOS MNM 14000

① High terrain to the east within 15NM.

Obstacle Departure	
RWY	Notes
04	Terrain 4084ft MSL, 16ft from DER, 420ft right of centerline. Aircraft tail 20ft AGL/4101ft MSL, 60ft from DER, 546ft right of centerline. Tree 180ft AGL/4301ft MSL, 1.2NM from DER, 2504ft right of centerline. Tree 180ft AGL/4301ft MSL, 1.3NM from DER, 2488ft right of centerline.
16	Tree 60ft AGL/4113ft MSL, 3326ft from DER, 925ft left of centerline. Building 10ft AGL/4059ft MSL, 62ft from DER, 270ft right of centerline. Building 10ft AGL/4060ft MSL, 57ft from DER, 270ft left of centerline. Tree 60ft AGL/4110ft MSL, 3084ft from DER, 1216ft left of centerline. Terrain 4052ft MSL, 8ft from DER, 320ft left of centerline. Terrain 4052ft MSL, 0ft from DER, 500ft left of centerline. Building 9ft AGL/4059ft MSL, 124ft from DER, 90ft left of centerline. Tree 180ft AGL/4219ft MSL, 1.1NM from DER, 980ft left of centerline. Tree 180ft AGL/4223ft MSL, 5877ft from DER, 2075ft left of centerline.
22	Terrain 4058ft MSL, 0ft from DER, 500ft left of centerline. Terrain 4058ft MSL, 14ft from DER, 327ft left of centerline. Terrain 4058ft MSL, 0ft from DER, 28ft right of centerline. Terrain 4058ft MSL, 53ft from DER, 391ft right of centerline. Terrain 4058ft MSL, 0ft from DER, 353ft right of centerline. Terrain 4059ft MSL, 0ft from DER, 500ft right of centerline. Aircraft tail 20ft AGL/4069ft MSL, 26ft inward of DER, 414ft left of centerline. Tree 180ft AGL/4252ft MSL, 1.2NM from DER, 13ft right of centerline. Tree 180ft AGL/4258ft MSL, 5894ft from DER, 2081ft right of centerline.
25	Vehicle 12ft AGL/4064ft MSL, 1090ft from DER, 591ft left of centerline. Aircraft tail 20ft AGL/4069ft MSL, 121ft from DER, 232ft left of centerline. Terrain 4054ft MSL, 0ft from DER, 500ft left of centerline. Terrain 4055ft MSL, 17ft from DER, 450ft left of centerline. Terrain 4055ft MSL, 18ft from DER, 475ft right of centerline. Terrain 4055ft MSL, 0ft from DER, 500ft right of centerline. Terrain 4055ft MSL, 63ft from DER, 517ft right of centerline. Tree 180ft AGL/4258ft MSL, 1.3NM from DER, 205ft left of centerline. Tree 180ft AGL/4252ft MSL, 6029ft from DER, 1287ft right of centerline.
34	Tree 180ft AGL/4268ft MSL, 1.1NM from DER, 1408ft left of centerline. Tree 180ft AGL/4278ft MSL, 5950ft from DER, 1781ft right of centerline. Terrain 4083ft MSL, 28ft from DER, 290ft right of centerline.

29-MAR-2018

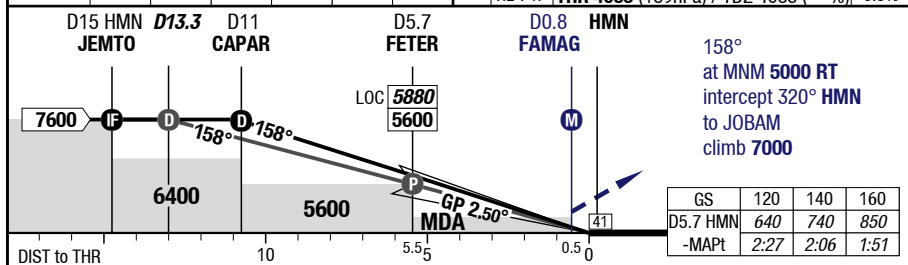
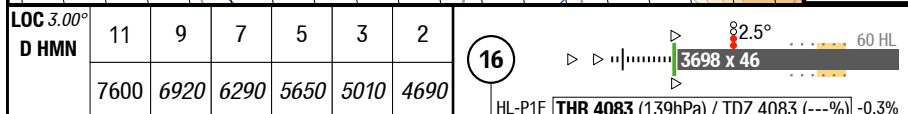
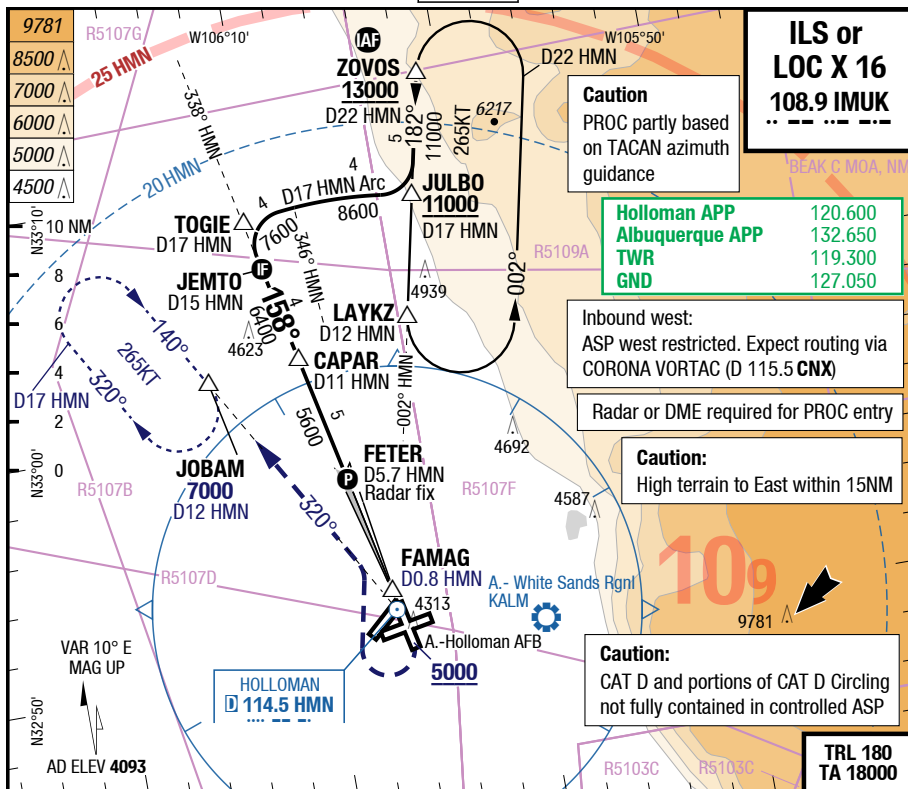
United States **Alamogordo** Holloman AFB

IAC

HMN-KHMN

7-10

ILS or LOC X 16



TERPS	16	Cat 1	LOC				Circling 1) TERPS
C	ft - ft/SM ft	250 - 1.0V 4340	500 - 1.0V 4580				600 - 1.5V 4700
D	ft - ft/SM ft	250 - 1.0V 4340	500 - 1.0V 4580				700 - 2.25V 4800

1) HN NA to RWY 22 when VGSI inop


Changes: OBST, Note

AMDT 3

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RNAV (GPS) 16



 16		RNAV GPS VNAV 1) 2)	RNAV GPS VNAV APL U/S 1) 2)	RNAV GPS LNAV 2)			Circling 3) 4)
	C	ft - ft/SM ft	530 - 1.38V 4610	530 - 2.0V 4610	520 - 1.0V 4600		New TERPS 650 - 1.75V 4740
	D	ft - ft/SM ft	530 - 1.38V 4610	530 - 2.0V 4610	520 - 1.0V 4600		700 - 2.25V 4800

Orig

RNAV (GPS) 34

Orig