

MISSION DATA CARD

OPORD		Callsign		Mission		Date/Time		
3290/2024		Raptor 2		Training		102000OCT24		
Task	LGB Training					Freq		
AO	Range 61					134.25		
Departure				Recovery				
DREAM FOUR				ILS or LOC/DME Z RWY 21L				
#	Callsign		Pilot		IFF	TCN	LSR	NET
-1	Raptor 2-1		Hercules		1621	1Y	1631	
-2	Raptor 2-2		Jinx		1622	64Y	1632	

LOADOUT

A/A	2xA120C, 2xA9X					GUN	100% HEI-T
A/G	2xG12					CHF	120
POD	HTS, A184, TGP					FLR	0
TKS	2xFT300					FUEL	100%

TOLD

	Takeoff	Target	Joker	Bingo	Land
FUEL	11169				

AIRBASES

	Name	TCN	ATIS	GND	TWR	RWY	Elev	ILS
Dep	Nellis AFB	12X	270.1	275.8	327.0	21L	1850	109.1
Arr	Nellis AFB	12X	270.1	275.8	327.0	21L	1850	109.1
Div	Creech AFB	87X	290.45	275.8	360.6			

FLIGHTPLAN

#	Name	Navaid/Coords/DME	ALT	TOT
1	DREAM	N37 10 20.400 W114 59 31.800	15000	
2	HOLD	N37 22 43.501 W115 09 33.506	15000	
3	IP	N37 22 34.126 W115 20 12.896	15000	
4	TRGT	N37 11 35.794 W115 24 48.127	15000	
5	SARAH	N36 36 27 W115 18 01.800	15000	
6	GASS PEAK	N36 24 08.400 W115 10 39.600	9000	
7	SIMNS	N36 17 20.400 W115 10 45	5000	
8	CRAIG	N36 15 15 W115 08 16.200	5000	
9	Nellis AFB	N36 13 32 W115 02 37	1800	

COMMS

Radio	Usage
1	11/3/4/16/11/4/3

NOTES

Dep: Dream 4 -> Dreams

AAR -> Pegasus

HOLDING und Target Aufklärung

Anflug auf Ziel immer als 2Ship, Shooter / Cover

Recov: ISL Z RWY 21

SUPPORT**Tanker**

Callsign	TCN	Freq	ALT	TAS
TEXACO 2	95Y	289.7	FL220	420
Pos	Pegasus.1: CDC 166/102 (N3730 W11440)			

OTHER FLIGHTS

Callsign	Mission	Airframe	Freq	TCN	Grpld	Laser
Raptor 1	Training	2x F-16C	134.0	1/64		162X
AO	Range 61	Task	LGB Training			
Monster 1	Training	4x A-10C	132.15	1/64	21	161X
AO	Range 62	Task	Illumination Flares			
Edelweiss 3	Training	4x F/A-18C	264.35	1/64		173X
AO		Task	Bewerber Flug			
T-Rex 1	Training	3x A-10C	132.25	1/64	23	159X
AO		Task	Illumination Flares			
Edelweiss 1	Training	2x F/A-18C	264.15	12/75	1	171X
AO	Beatty	Task	BJT Check Ride			
Edelweiss 4	Training	1x F/A-18C	264.45	1/64		174X
AO		Task				
Tiger 1	Training	2x F/A-18C	261.15	1/64	1	155X
AO	Range 74.06 and 74.08	Task	AG Bomb, AAR and Formation			
Raptor 3	Training	3x F-16C	134.5	1/64		164X
AO	Range 61	Task	LGB Training			
Nasty 6	Training	4x AH-64D	133.5	1/64		173X
AO		Task				
Nazgul 6	Training	4x F-15E	262.45	1/64		156X
AO		Task	Formation & AAR			
Beast 4	Training	1x A-10C	132.75	1/64	30	170X
AO	Nellis AFB	Task	PAR			
Raptor 3	Training	3x F-16C	134.5	1/64		164X
AO	Range 61	Task	LGB Training			

RADIO CHANNELS

#	Freq	Name
1		Flight/Squadron specific
2	289.4	Nellis Clearance Delivery
3	275.8	Nellis Ground
4	327.0	Nellis Tower
5	385.4	Nellis Approach/Departure West
6	273.55	Nellis Approach/Departure East
7	317.525	Nellis Control -- Sally
8	254.4	Nellis Control-- Lee
9	305.6	SOF Bullseye
10	343.725	EMERGENCY SINGLE FRQ
11	270.1	Nellis ATIS
12	360.625	Creech AFB Tower
13	250.1	HAVE QUICK 13
14	251.1	HAVE QUICK 14
15	252.1	HAVE QUICK 15
16	377.8	Blackjack
17	265.0	KC-135 AR-641A
18	360.8	KC-135MPRS AR-635
19	319.8	KC-135MPRS AR-625
20	300.05	KC-135 AR-231V

RAMROD

0	1	2	3	4	5	6	7	8	9
B	O	L	S	T	E	R	I	N	G

KTC 1400 C

	0	1	2	3	4	5	6	7	8	9
A	AXHV	SBN	IYU	KP	TC	LQW	MO	EJ	FG	RD
B	OMVP	FNA	XLC	RT	GS	BJI	HD	KU	YW	QE
C	PSOJ	HVC	NEX	KI	UB	DYL	WM	GR	AF	QT
D	RIVM	OWE	UJK	CD	QA	PXL	YB	GF	SN	TH
E	VBKO	RAW	HLD	QE	JS	XCP	FI	MU	TG	YN
F	JRIY	NMU	WLK	AD	PO	CHX	GV	QE	FT	BS
G	SMPD	UTH	LBR	WE	KA	GNC	VQ	OY	JI	FX
H	PQYV	DKB	UXE	TL	MR	CSG	WJ	HA	FO	IN
I	LRUI	ETB	OGW	FN	PQ	CVA	XM	YK	JS	HD
J	VEXH	JAF	GKB	PT	UR	CQI	DY	SM	LO	WN
K	VTKR	YOB	SUP	EW	JX	INC	AM	HL	DG	FQ
L	YIVS	OEK	WNL	XG	TQ	MUH	PC	RB	JA	FD
M	UVIA	PGM	XKF	CL	JO	QNT	ED	RB	SY	HW
N	WFKB	PXM	ULG	CH	JA	EST	OV	ID	RN	QY
O	GPMX	OKY	HNQ	LW	UT	DFV	BJ	CR	EA	SI
P	DLJI	FHM	XVA	SR	EO	BYT	GQ	KP	CU	WN
Q	DONU	THP	FXG	AJ	IK	EWY	BV	QM	SR	LC
R	DXBS	EHN	YPU	CM	IV	KFL	TW	OJ	GR	QA
S	EUDV	LPJ	XFG	OQ	HR	IMT	AB	CS	WY	NK
T	WLHB	NQP	KDV	RY	CT	XGF	AE	IU	SO	MJ
U	CLSF	JHK	BIW	TV	PD	OGA	RE	XM	YQ	UN
V	JHBR	QNP	AWM	GX	VL	TSI	CO	KD	YE	FU
W	WETC	OSI	JUH	KV	DY	GAX	RN	MP	LF	BQ
X	PFRB	QGU	DXL	CT	MY	KSJ	IN	EO	VH	WA
Y	URMH	CIX	NDW	GT	LK	OYS	FQ	JP	VB	EA

NAVAIDS

Id	Name	Channel	Position	Elevation
BCE	Bryce Canyon	75	N3741.35 W11218.23	9040
BIH	Bishop	33	N3722.62 W11821.99	4114
BLD	Boulder	114	N3559.75 W11451.82	3650
BTY	Beatty	94	N3648.54 W11644.86	2925
CDC	Cedar City	120	N3747.24 W11304.90	5463
DAG	Daggett	79	N3457.75 W11634.69	1760
EED	Needles	99	N3445.96 W11428.43	650
GFS	Goffs	91	N3507.87 W11510.59	4019
GRL	Groom Lake	18	N3713.91 W11548.16	4475
HEC	Hector	74	N3447.83 W11627.78	1854
ILC	Wilson Creek	110	N3815.02 W11423.65	9318
INS	Creech AFB	87	N3635.20 W11540.12	3101
LAS	McCarran Intl	116	N3604.78 W11509.59	2142
LSV	Nellis	12	N3614.68 W11501.50	1864
MLF	Milford	58	N3821.62 W11300.79	4977
MMM	Mormon Mesa	90	N3646.16 W11416.65	2120
MVA	Mina	98	N3833.92 W11801.97	7860
OAL	Coale Dale	124	N3800.20 W11746.23	4800
PGS	Peach Springs	57	N3537.48 W11332.67	4754
TPH	Tonopah Muni	119	N3801.84 W11702.01	5330
TQQ	Silverbow	77	N3748.00 W11647.00	5500
UTI	St George	23	N3705.29 W11335.53	2871



RWY 3L-21R
 PCN 46 R/C/W/T
 RWY 3R-21L
 PCN 51 R/C/W/T
 2017

PAR	RWY	CAT	MINIMA		ARP	ELEV	Scale 1:35'500	
	21L	A B D E	2057 - 0.8 200 (200-0.8/1.6)	GS 3°	36° 14.060° N 115° 01.058° W	1857 [ft] 566 [m]	0 300 600 900 1200 1500 [m]	
	3R	A B D E	2057 - 0.8 200 (200-0.8/1.6)	GS 3°			0 1000 2000 3000 4000 5000 [ft]	
SRA	21R	A C D E	2257 - 1.2 350 (350-1.2/1.6)					
	3L	A C D E	2257 - 1.2 350 (350-1.2/1.6)					

RWY	TORA	TODA	ASDA	LDA	PSN	THR	ALS
21L	10051 [ft] 3063 [m]	11051 [ft] 3368 [m]	11051 [ft] 3368 [m]	10051 [ft] 3063 [m]	36°14.043' N	115°01.018' W	⊕
3R	10120 [ft] 3084 [m]	11120 [ft] 3398 [m]	11120 [ft] 3398 [m]	10120 [ft] 3084 [m]	36°13.029' N	115°02.038' W	

ATIS	NELLIS GROUND	NELLIS TOWER	NELLIS CONTROL	TACAN	ILS RWY 21L	NELLIS EAST	NELLIS WEST
270.100 MHz	275.800 121.800	327.000 132.55	317.525	LSV 12X	109.10 Mhz	384.400	385.000

DREAM FOUR DEPARTURE DREAM4 | VALID 2014

NELLIS AFB (KLSV)

LAS VEGAS, NEVADA

ATIS
270.100
NELLIS GROUND
275.800
NELLIS TOWER
327.000
NELLIS CONTROL
317.525
NELLIS DEP/APP EAST
384.400
BLACKJACK
377.800

DREAM

N3710.34
W11459.53

MINTT
LAS 351/38
17,000

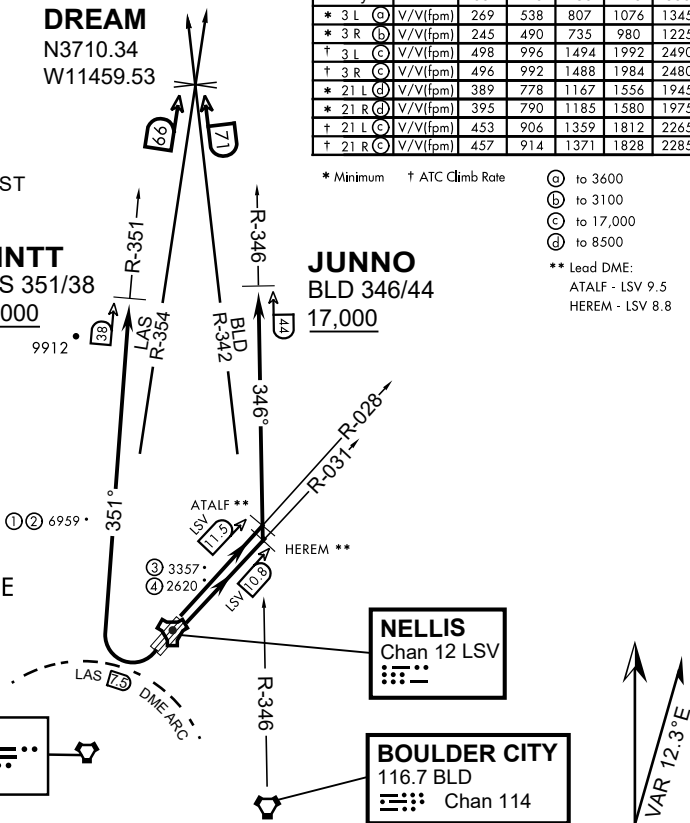
JUNNO
BLD 346/44
17,000

Rwy	Knots	60	120	180	240	300	360
* 3 L (A)	V/V(fpm)	269	538	807	1076	1345	1614
* 3 R (B)	V/V(fpm)	245	490	735	980	1225	1470
† 3 L (C)	V/V(fpm)	498	996	1494	1992	2490	2988
† 3 R (C)	V/V(fpm)	496	992	1488	1984	2480	2976
* 21 L (D)	V/V(fpm)	389	778	1167	1556	1945	2334
* 21 R (D)	V/V(fpm)	395	790	1185	1580	1975	2370
† 21 L (C)	V/V(fpm)	453	906	1359	1812	2265	2718
† 21 R (C)	V/V(fpm)	457	914	1371	1828	2285	2742

* Minimum † ATC Climb Rate

- (A) to 3600
 - (B) to 3100
 - (C) to 17,000
 - (D) to 8500
- ** Lead DME:
ATALF - LSV 9.5
HEREM - LSV 8.8

- ① 12.24 NM from Rwy 21R
- ② 12.40 NM from Rwy 21L
- ③ 5.67 NM from Rwy 3L
- ④ 5.85 NM from Rwy 3R



NOT FOR CIVIL USE

CAUTION: If unable to comply with restrictions advise ATC prior to departure.

DEPARTURE ROUTE DESCRIPTION

TAKE-OFF RWY 3L

- Fly runway heading to intercept the LSV TACAN R-028 then direct ATALF, intercept the BLD VORTAC R-346 then direct JUNNO, cross JUNNO at or above 17,000, then via assigned route.

TAKE-OFF RWY 3R

- Fly runway heading to intercept the LSV TACAN R-031 then direct HEREM, intercept the BLD VORTAC R-346 then direct JUNNO, cross JUNNO at or above 17,000, then via assigned route.

TAKE-OFF RWY 21L/R

- Turn right to intercept LAS VORTAC R-351 outbound. Remain North of LAS 7.5 DME turning Northbound. Intercept LAS R-351 between 5000 and 6000, do not proceed West of LAS R-351. Cross MINTT at or above 17,000, then via assigned route.

NOISE ABATMENT PROCEDURES: Fly acc. Nellis Noise Abatement instructions

DREAM FOUR DEPARTURE (DREAM4 • DREAM)

ILS or LOC/DME Z RWY 21L

LOC I-DIQ 109.1	APCH CRS 207°	Rwy Idg 10,055 TDZE 1866 Arpt Elev 1870
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AL-227 [USAF]

NELLIS AFB (KLSV)

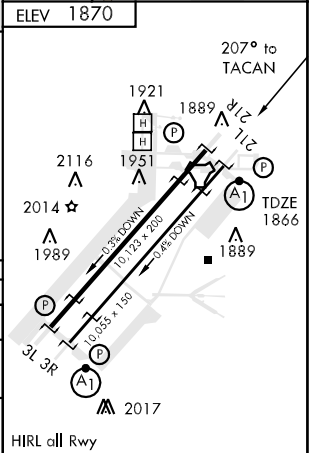
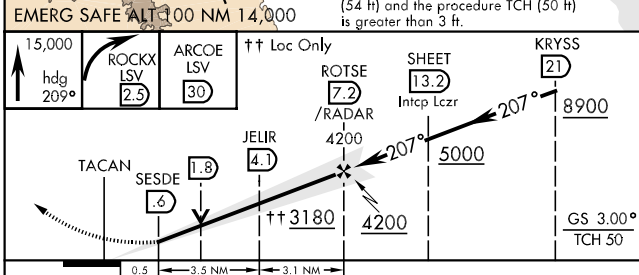
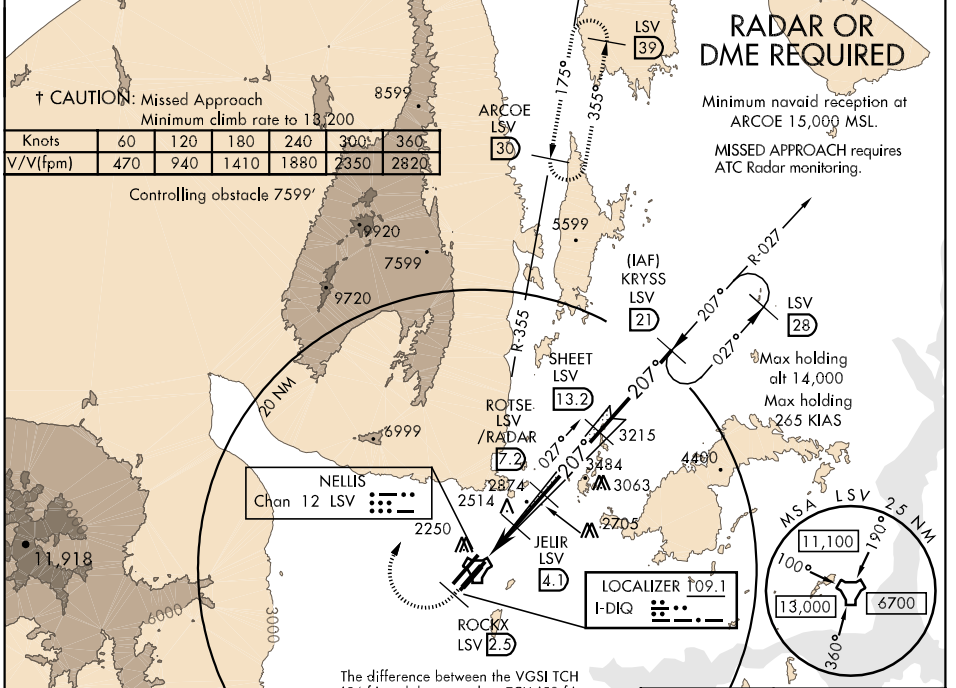
▼ * When ALS inop, increase CAT ABCDE RVR to 40, vis to 3/4 mile.
** When ALS inop, increase CAT AB RVR to 50, vis to 1 mile, CAT C vis to 1 1/2 miles, CAT D vis to 1 3/4 miles, CAT E vis to 2 miles.



† MISSED APPROACH: Climb to 15,000, heading 209° to 2.5 DME (ROCKX), then climbing right turn heading 020° to join LSV TACAN R-355 to ARCOE and hold, continue climb in hold to 15,000.

ATIS 270.1	NELLIS APP CON 124.95 273.55	NELLIS TOWER 132.55 327.0	GND CON 121.8 275.8	CLNC DEL 120.9 289.4
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*** Circling not authorized E of Rwy 3R-21L.



CATEGORY	A	B	C	D	E
S-ILS 21L *	2066/24		200	(200-1/2)	
S-LOC 21L **	2440/24 574 (600-1/2)		2440/50 574 (600-1)	2440/60 574 (600-1 1/4)	2440-1 1/2 574 (600-1 1/2)
CIRCLING ***	2480-1 610 (700-1)	2680-1 1/4 810 (900-1 1/4)	2680-2 1/4 810 (900-2 1/4)	2680-2 1/2 810 (900-2 1/2)	2940-3 1070 (1100-3)

ILS or LOC/DME Z RWY 21L

SW-4, 23 SEP 2010 to 21 OCT 2010

SW-4, 23 SEP 2010 to 21 OCT 2010



INDIAN SPRINGS, NEVADA

TACAN INS Chan 87	APCH CRS 065°	Rwy ldg TDZE 3133	9002 3113
		Arpt Elev 3113	

INDIAN SPRINGS AF AUX (KINS)

▼ * MISSED APPROACH: Straight ahead to INS TACAN, intercept INS R-outbound, cross 17 DME at or above 9500, then direkt KSV TACAN 114

NELLIS CON

CREECH AFB TOWER
118.30 60.60

GND CON

NOT FOR CIVIL USE

FOR USE UNDER BASIC VFR
WEATHER MINIMUMS ONLY

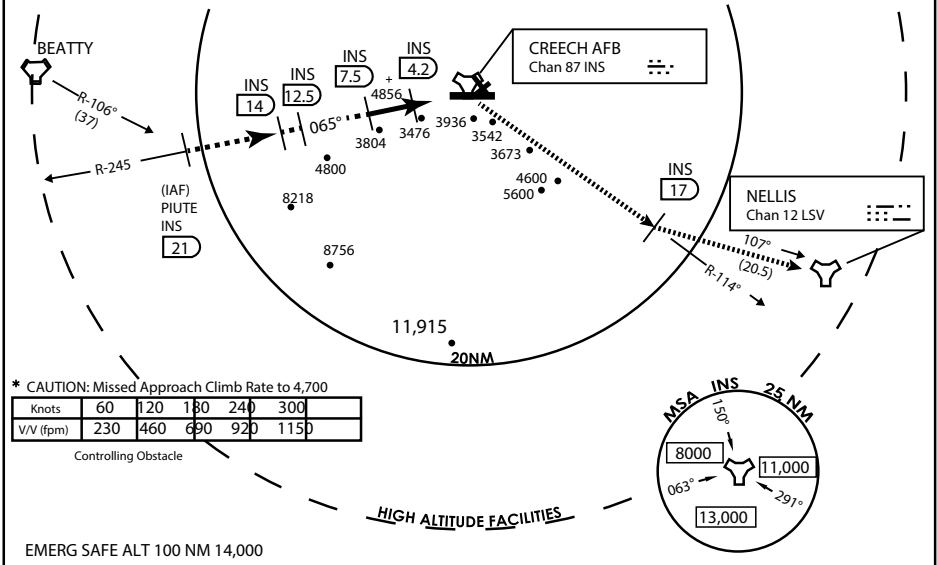
PILOT IS RESPONSIBLE FOR TERRAIN/OBSTACLE AVOIDANCE AND APPROPRIATE VFR CLOUD CLEARANCE FOR ALL

CAUTION: Descent gradients are greater than allowed under standard TERPS criteria and inbound course does not meet straight-in criteria

CAUTION: Final approach course crosses Runway centerline at MIDFIELD. Maneuvering left of course required prior to landing. Do not Maneuver farther north than the INS R- 258

Modified by viaBog 66 for use with DCS
NOT FOR REAL LIFE NAVIGATION

Modified by viaBog 66 for use with DCS
NOT FOR REAL LIFE NAVIGATION



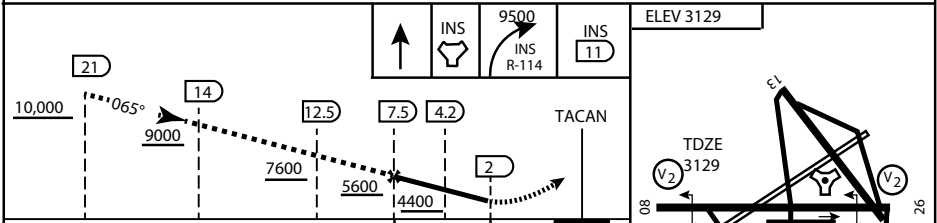
* CAUTION: Missed Approach Climb Rate to 4,700

Knots	60	120	180	240	300
V/V (fpm)	230	460	690	920	1150

Controlling Obstacle

HIGH ALTITUDE FACILITIES

EMERG SAFE ALT 100 NM 14,000



CATEGORY	A	B	C	D	E
S-8	3760-1 1/2	627 (700-1 1/2)	3760-1 3/4 627 (700-1 3/4)	3760-2 627 (700-2)	3760-2 1/4 627 (700-2 1/4)
CIRCLING	NOT AUTHORIZED				

MIRL Rwy 8-26

CITY OF INDIAN, NEVADA

INDIAN SPRINGS AF AUX (KINS)

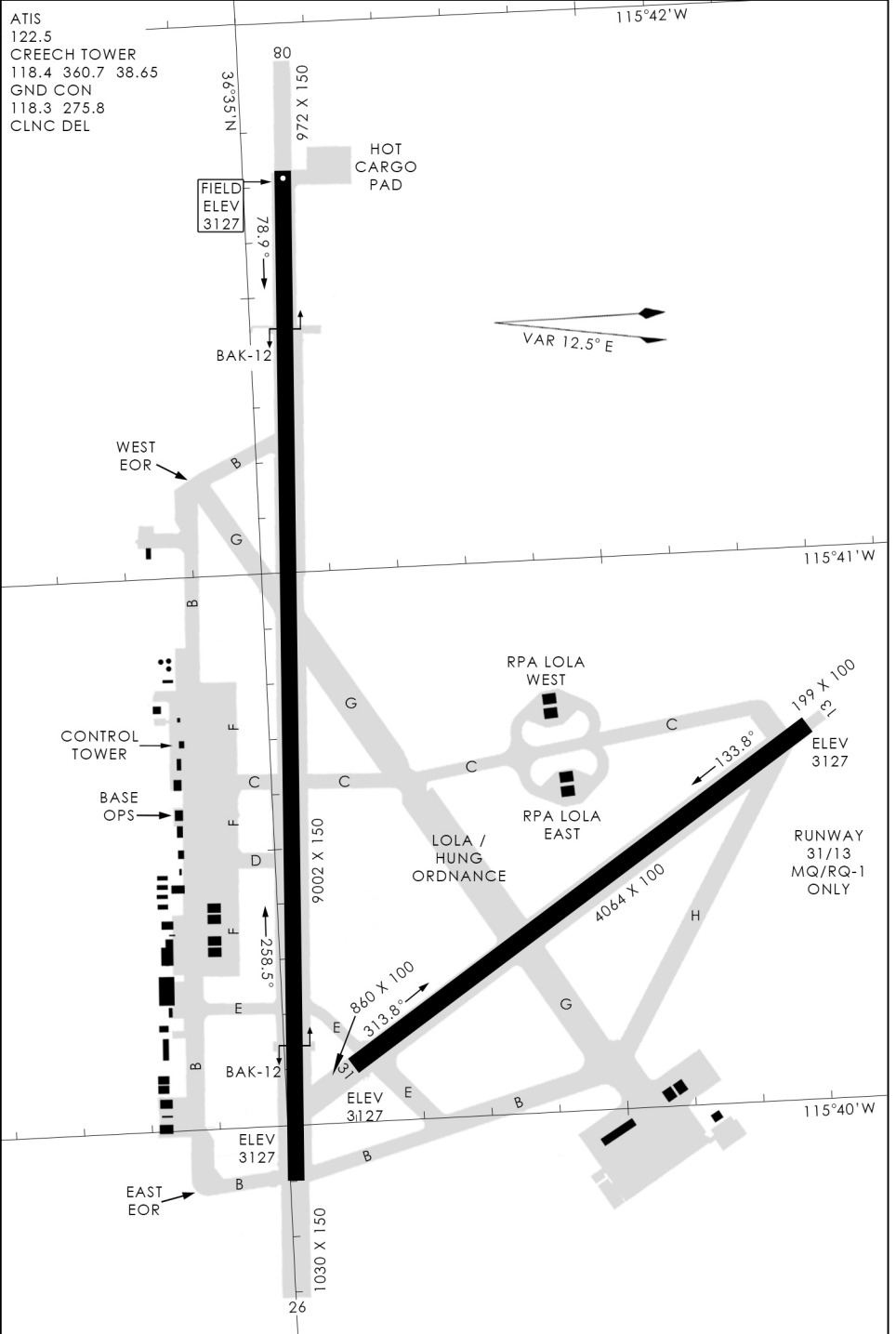
(FOR DAY VFR USE ONLY)



AIRPORT DIAGRAM

476 VFG

CREECH AFB (KINS)
INDIAN SPRINGS, NEVADA



476 VFG JAN 2019

476 VFG JAN 2019

AIRPORT DIAGRAM

INDIAN SPRINGS, NEVADA
CREECH AFB (KINS)