

MISSION DATA CARD

OPORD		Callsign		Mission		Date/Time		
3377/2024		Nazgul 6		Training		042000NOV24		
Task	A/G Proficiency					Freq		
AO	R62					262.45		
Departure				Recovery				
DREAM FOUR				HI-ILS or LOC/DME Z RWY 21L				
#	Callsign		Pilot		IFF	TCN	LSR	NET
-1	Nazgul 6-1		Striver/UTA		1161	1Y	1561	
-2	Nazgul 6-2		Razorback		1162	64Y	1562	

LOADOUT

A/A	2xA120C, 2xA9M				GUN	100% SAPHEI	
A/G	3xG54, G24, 2xG31B				CHF	120	
POD	TGT, NAV				FLR	60	
TKS	2xFT610				FUEL	100%	

TOLD

	Takeoff	Target	Joker	Bingo	Land
FUEL	30518				

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	JUNNO	BLD 346/44 (N36 43.800 W114 52.770)	17000	
2	IP	N37 10 W114 58	21000	
3	ECHO / Range 62A	N36 55.499 W115 25.550	17000	
4	ARCOE	LSV 357/30 (N36 44.260 W114 55.020)	15000	
5	RONKY	N36 39.332 W114 56.110	15000	
6	WISTO	N36 35.388 W114 56.977	15000	
7	OLNIE	N36 34.989 W114 54.756	12500	
8	KRYSS	N36 30.369 W114 44.190	8900	
9	SHEET	N36 24.532 W114 50.652	5000	
10	ROTSE	N36 20.025 W114 55.561	4200	
11	JELIR	N36 17.482 W114 58.326	3140	

NOTES

A/G Proficiency Training

Orbit WYPT 2, Racetrack 15 nm as single ship

Hot Heading 270 ° W (OFFSET from target)

Find targets via A/G RADAR

-1 A21

-2 A22

-3 A23

-4 A24

Sequence min 10 seconds between IN HOT

1x GBU-54 on Coordinate (WYPT 3)

2x GBU-54 on found target

2x GBU-31 on found target

1x GBU-24 on found target (AUTO drop, laser if weather permits)

SUPPORT**Tanker**

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

AWACS

Callsign	Freq	ALT	Pos
MAGIC	377.8	FL270	N3749 W11417 - N3713 W11446

OTHER FLIGHTS

Callsign	Mission	Airframe	Freq	TCN	Grpld	Laser
Rattler 1	Training	2x AH-64D	133.5	1/64		125X
AO	LATNA, LATNG	Task	AR			
Raptor 1	Training	4x F-16C	134.0	1/64		162X
AO	BVR Range Y	Task	BVR			
Monster 1	Training	4x A-10C	132.15	1/64	21	161X
AO	R65	Task	CAS			
Tiger 1	Training	4x F/A-18C	261.15	1/64		155X
AO	BVR Range X	Task	BVR			

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

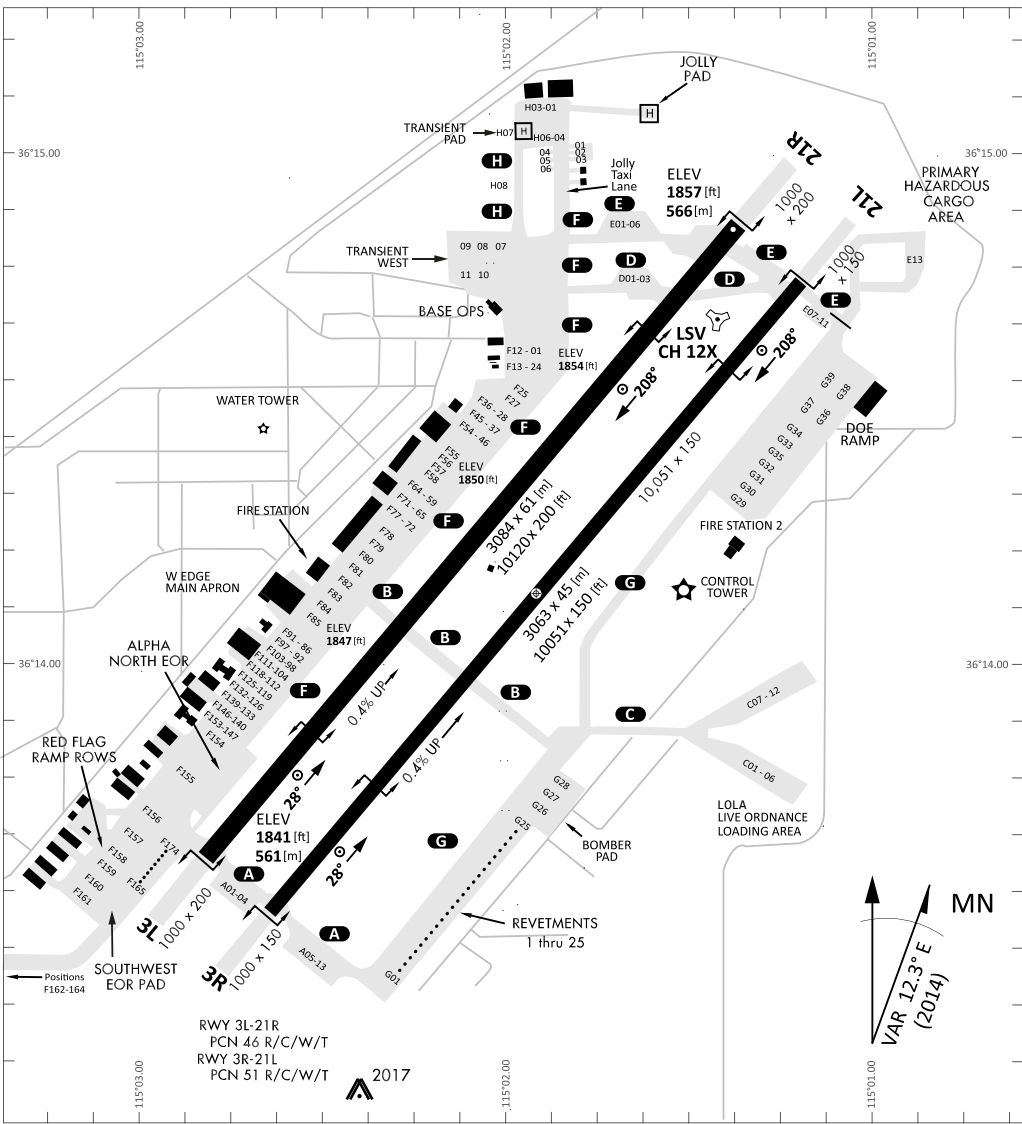
0	1	2	3	4	5	6	7	8	9
P	L	A	Y	W	R	I	G	H	T

KTC 1400 C

	0	1	2	3	4	5	6	7	8	9
A	QTIC	DNO	KUL	MS	XB	FJR	YV	AH	PG	EW
B	NTEF	JVP	ICB	OL	WX	DMU	AS	YG	RQ	HK
C	DKFS	UIA	RYM	LV	GH	OBW	TQ	XC	JN	EP
D	PGBM	NYT	AXU	HK	OS	LRC	DF	EJ	QV	IW
E	MWIC	QSG	XDV	NY	LF	UHP	TA	EK	BR	OJ
F	OHGF	JYN	KIA	RU	DE	CBT	VL	MW	PX	SQ
G	ELJF	GSM	WUD	RV	PY	XAH	TO	IQ	CK	BN
H	VNJD	KHR	ETQ	IG	YM	UFO	CX	BA	LS	WP
I	GCJD	QTB	VSM	LP	XO	YWA	UF	RI	HN	KE
J	UIOL	NBW	DTK	YV	JA	GSE	QP	MF	RH	CX
K	GYQV	CND	FTI	MK	RS	JOH	UP	AX	LE	WB
L	IPWN	YAF	QJT	LX	GS	DRB	VC	EU	OK	MH
M	WHRP	UOL	INM	KT	VB	EGC	DJ	SX	YQ	FA
N	LWPE	BJF	USD	GA	OC	KIT	RQ	HX	YM	VN
O	NEIH	LAV	CMG	QT	JS	OUP	YD	BX	WR	KF
P	TKJD	ISU	ALR	NP	BQ	XGO	CV	FM	HY	WE
Q	ARCL	BPK	OGY	MQ	HD	EFS	JX	WI	VU	NT
R	VDTK	GIO	FLJ	SU	PY	EXR	BH	MN	AQ	WC
S	ETYV	HFW	XOP	DU	KA	LCI	SM	NQ	BR	GJ
T	AWQS	JUG	PNF	IC	MK	HYO	BD	RX	EL	TV
U	HMVU	BAS	CTN	RW	OG	LIP	QY	EJ	KF	XD
V	IMNT	QLH	YCU	FX	GB	JAS	EK	OD	WV	PR
W	AXOS	VUN	GYJ	FW	QL	KMT	DP	CH	BR	IE
X	IKLN	MXP	GHD	SU	OJ	CEQ	AR	WF	BY	VT
Y	CVAB	YXE	LIS	JO	FW	NGH	RP	QM	TU	DK

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

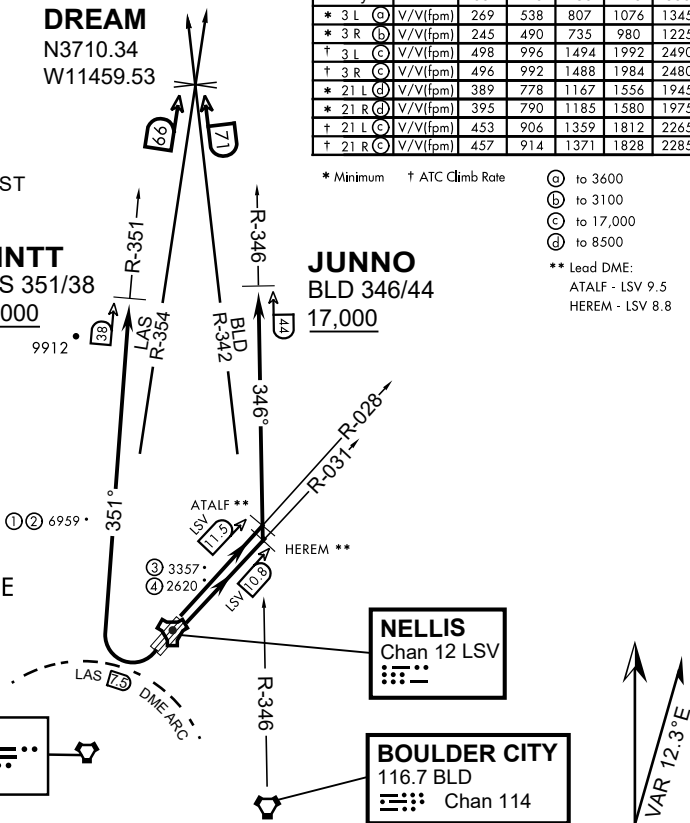
JUNNO
BLD 346/44
17,000

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.

LAS VEGAS
116.9 LAS
Chan 116

NELLIS
Chan 12 LSV

BOULDER CITY
116.7 BLD
Chan 114

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)

LAS VEGAS, NEVADA

HI-ILS or LOC Z RWY 21L

LOC I-DIQ 109.1	APCH CRS 209°	Rwy ldg	21L	21R
		TDZE	10,051	10,120
		Arpt Elev	1865	1869

JAL-227 (USAF)

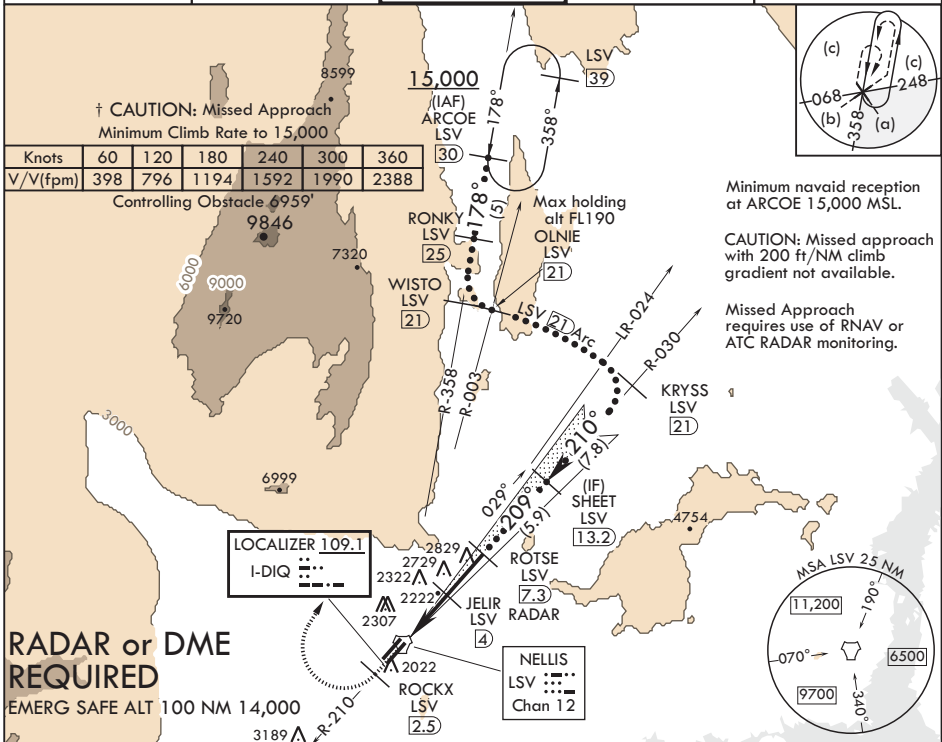
NELLIS AFB (KLSV)

⚠ * When ALS inop, increase CAT CDE RVR to 40, vis to 3/4 mile.
 ** When ALS inop, increase CAT CDE vis to 1 3/4 miles.
 *** Circling not authorized E of Rwy 3R-21L.



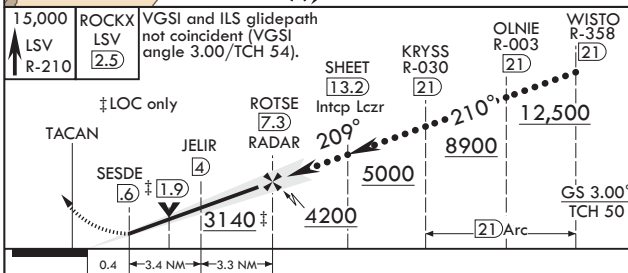
† MISSED APPROACH: Climb to 15,000, intercept LSV TACAN R-210 to 2.5 DME (ROCKX), then climbing right turn heading 020° to join LSV R-358 to ARCOE and hold, continue climb-in-hold to 15,000. Missed approach not for civil use.

ATIS 270.1	APP CON 124.95 273.55	TOWER 132.55 327.0	GND CON 121.8 275.8	CLNC DEL 120.9 289.4
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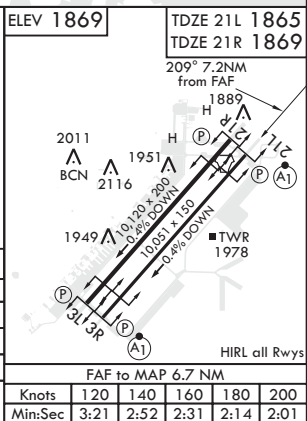


RADAR or DME REQUIRED

EMERG SAFE ALT 100 NM 14,000



CATEGORY	C	D	E
S-ILS 21L*	2065-24	200	(200-1/2)
S-LOC 21L**	2480-1 3/4	61.5	(700-1 3/4)
SIDESTEP 21R	2500-1 3/4	631	(700-1 3/4)
Ⓢ CIRCLING***	2620-2 1/4 751 (800-2 1/4)	2840-3 971 (1000-3)	3040-3 1171 (1200-3)



LAS VEGAS, NEVADA

36°14'N - 115°02'W

NELLIS AFB (KLSV)

Amdt 8 03JAN19

HI-ILS or LOC Z RWY 21L

SW-4, 05 DEC 2019 to 02 JAN 2020

SW-4, 05 DEC 2019 to 02 JAN 2020



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

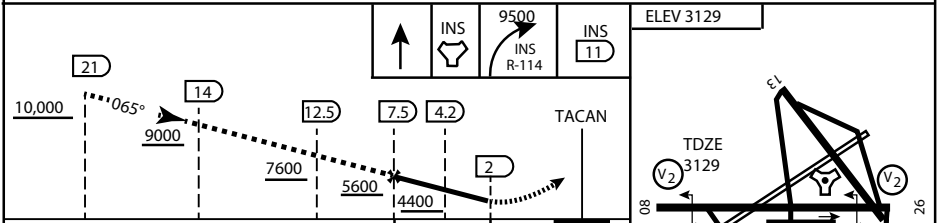


* CAUTION: Missed Approach Climb Rate to 4,700

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

Controlling Obstacle

HIGH ALTITUDE FACILITIES



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

ATIS
 122.5
 CREECH TOWER
 118.4 360.7 38.65
 GND CON
 118.3 275.8
 CLNC DEL

FIELD
 ELEV
 3127

HOT
 CARGO
 PAD

VAR 12.5° E

WEST EOR

CONTROL
 TOWER
 BASE
 OPS

RPA LOLA WEST

RPA LOLA EAST

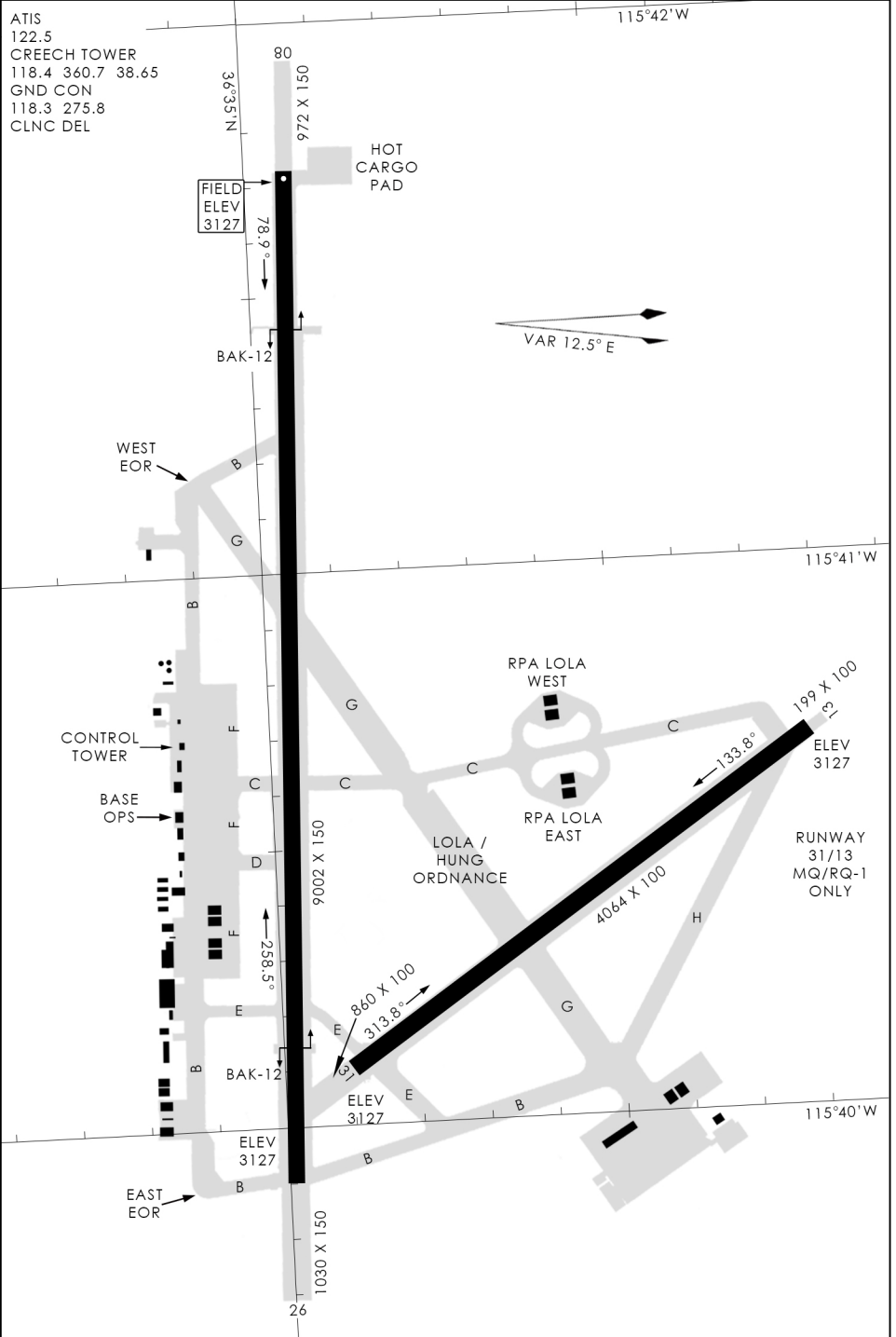
LOLA / HUNG ORDNANCE

RUNWAY
 31/13
 MQ/RQ-1
 ONLY

EAST EOR

476 VFG JAN 2019

476 VFG JAN 2019



AIRPORT DIAGRAM

INDIAN SPRINGS, NEVADA
CREECH AFB (KINS)