

MISSION DATA CARD								
OPORD		Callsign		Mission		Date/Time		
1905/2023		Cougar		Training		112000MAY23		
Task						Freq		
AO						261.25		
Departure				Recovery				
				HI-TACAN RWY 3R				
#	Callsign		Pilot		IFF	TCN	LSR	NET
-1	Cougar-1		Striver/Uta		1101	21Y	1561	
-2	Cougar-2		Tank/Lempo		1102	84Y	1562	

LOADOUT			
A/A	2xA9M, 2xA7MH, 4xA54CM47		GUN 100% HEI
A/G			CHF 140
POD			FLR 60
TKS	2xFT300		FUEL 100%

TOLD					
	Takeoff	Target	Joker	Bingo	Land
FUEL	20206				

AIRBASES								
	Name	TCN	ATIS	GND	TWR	RWY	Elev	ILS
Arr	Nellis AFB	12X	270.1	275.8	327.0	21L	1850	109.1

NOTES

Airstart BVR Range
Husky 1/2 2vsX
Recovery via IFR

OTHER FLIGHTS						
Callsign	Mission	Airframe	Freq	TCN	Grpld	Laser
Raptor 1	Training	4x F-16C	134.0	21/84		156X
	AO	Range 61	Task	Bomb Training - LGPs		
Panther 1	Training	2x F/A-18C	261.35	21/84	41	167X
	AO	Range 64	Task	CAS/JTAC Training		
Outlaw* 2	Training	2x Ground	33.65	21/84		156X
	AO	Range 64	Task	JTAC		
Darkstar* 1	Training	2x Ground	33.5	21/84		156X
	AO	Range 63	Task	JTAC		
Monster 2	CAS	2x A-10C	132.15	27/90	21	164X
	AO	R63	Task			
Raptor 2	Training	4x F-16C	134.25	21/84		156X
	AO	Range 61	Task	Bomb Training - Pop&HD		

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	
T	R	A	V	E	L	I	N	G	S	
KTC 1400 C										
	0	1	2	3	4	5	6	7	8	9
A	MUCY	OPE	FWQ	DH	BX	ILK	RA	VG	NT	SJ
B	NVAR	CBD	XKI	YT	QM	UPE	HW	LS	FJ	OG
C	JBTN	PGF	HOS	IU	XM	KCV	DA	WQ	LY	RE
D	KIPT	FQL	CVG	SN	AR	HMY	DU	WE	JB	XO
E	LSGC	AFE	BYP	JV	NX	TQD	UO	MK	HR	WI
F	AJMH	OXG	QSV	UN	PW	DCR	TF	IB	YL	KE
G	BUVR	LIT	NCK	EH	PF	GOX	WD	YJ	QS	MA
H	JFQK	EVC	DAX	BG	MI	UYL	PW	SR	NT	OH
I	GLOS	XCT	NBV	KD	JQ	FIR	WA	HU	YP	EM
J	OBJA	LYI	WKR	XG	EM	VCD	HP	NT	FQ	US
K	IVQJ	YDN	FPO	MS	EG	UCR	LA	BX	KW	HT
L	HEQT	ASO	LXC	FG	MI	BJR	WD	PV	NU	KY
M	NUAI	HYB	FQM	EJ	WL	SXT	VK	PR	DG	OC
N	YXNC	JUI	GWF	KH	ES	QOB	DM	AP	VT	RL
O	DGMV	CKQ	LHA	WP	EY	OBX	RF	SI	UN	TJ
P	EBQF	TUP	RWO	AX	GV	HMC	LD	KN	JY	IS
Q	KUHJ	PGI	RNF	VC	AW	QTB	SX	DM	YL	OE
R	YWRS	FKP	VHA	CU	JX	TEG	NL	QD	OI	MB
S	SMJU	HPO	RNT	GK	WX	LBY	AI	QE	DV	FC
T	PEJC	BNX	OYS	WV	QG	HTA	MU	DR	KL	FI
U	AKRE	TLP	VGN	MB	CQ	WIH	SX	UF	YJ	OD
V	TYVS	RAL	UIF	OG	MD	JHQ	NP	EB	CW	KX
W	MWUL	XIE	JVD	HG	YN	QSB	RK	FC	OT	AP
X	EBGW	JNX	APO	TM	FY	VDU	RK	SC	HI	QL
Y	MELX	DRE	CYU	GB	QK	ISV	NP	TH	WA	OJ

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

HI-TACAN RWY 3R

TACAN LSV Chan 12	APCH CRS 029°	Rwy ldg TDZE Arpt Elev	10,051 1833 1869
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JAL-227 (USAF)

NELLIS AFB (KLSV)

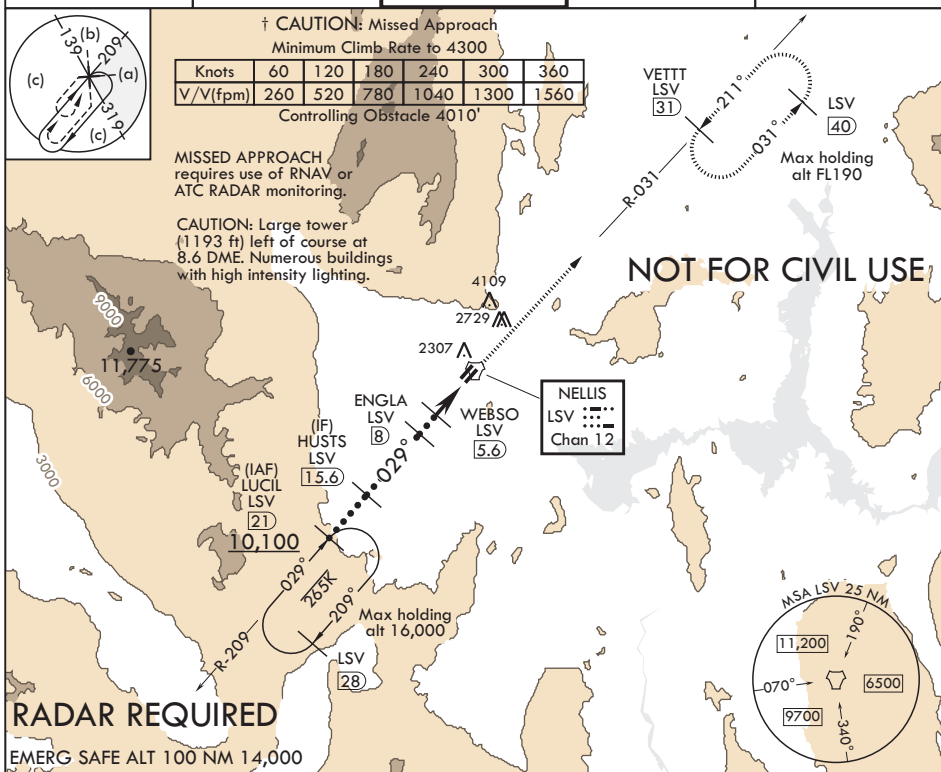
- * When ALS inop, increase CAT CDE vis to 2 1/2 miles.
 ** When ALS inop, increase CAT CDE vis to 1 3/8 miles.
 *** Circling not authorized E of Rwy 3R-21L.

ALSF-1



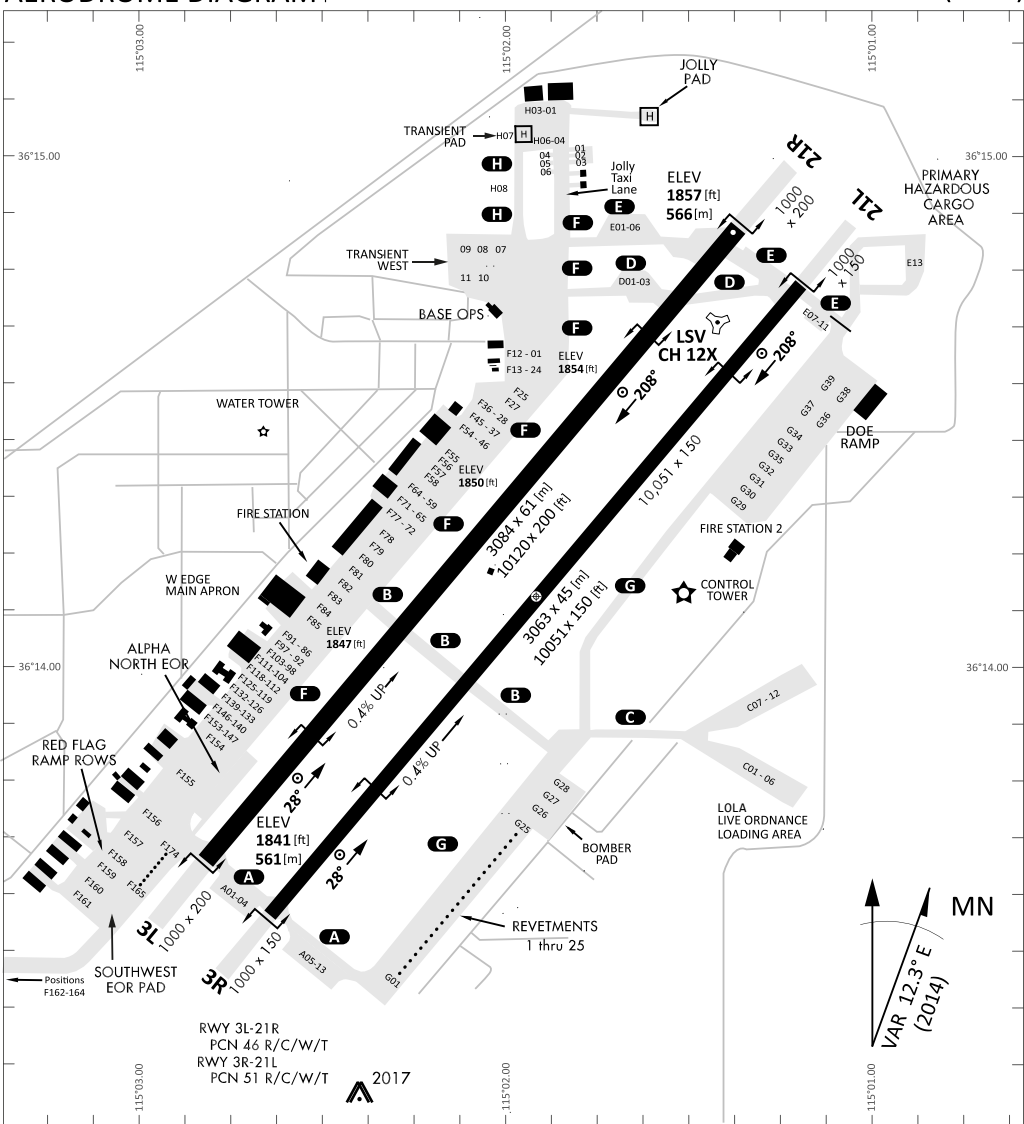
MISSED APPROACH: Climb to 9000 on LSV TACAN R-031 to VETT and hold, continue climb in hold to 9000.

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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LUCIL [21]	HUSTS [15.6]	ENGLA [8]	WEBSO [5.6]	CEDRU [2]	TACAN	9000 LSV R-031	VETT LSV [31]	ELEV 1869	TDZE 1833
10,100	6300	3900	3200						
3.04° ≥ TCH 53			3.6 NM	.5					
CATEGORY	C	D	E						
S-3R*	2740-2	907	(900-2)						
CIRCLING***	2740-2½ 871 (900-2½)	2840-3 971 (1000-3)	3040-3 1171 (1200-3)						
†BELOW MINIMA REQUIRES MISSED APPROACH CLIMB GRADIENT									
S-3R**	2280/45	447	(500-¾)						

HI-TACAN RWY 3R



PAR	RWY	CAT	MINIMA	ARP	ELEV	Scale
	21L	A B D E	2057 - 0.8 200 (200-0.8/1.6) GS 3°	36° 14.060° N	1857 [ft]	0 300 600 900 1200 1500 [m]
	3R	A B D E	2057 - 0.8 200 (200-0.8/1.6) GS 3°	115° 01.058° W	566 [m]	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