

MISSION DATA CARD								
OPORD		Callsign		Mission		Date/Time		
2146/2023		Tiger 5		Training		142000SEP23		
Task	SEAD					Freq		
AO	PAHUTE MESA					263.65		
Departure				Recovery				
FYTTR THREE				HI-TACAN Z RWY 21L				
#	Callsign		Pilot		IFF	TCN	LSR	NET
-1	Tiger 5-1		Laud		1131	21Y	1561	
-2	Tiger 5-2		Jemi		1132	84Y	1562	

LOADOUT			
A/A	2xA9X, 3xA120C	GUN	100% HEI-T
A/G	2xA88C	CHF	120
POD	TGP	FLR	0
TKS	FPU-8A	FUEL	100%

TOLD					
	Takeoff	Target	Joker	Bingo	Land
FUEL	13047			5000	

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

FLIGHTPLAN				
#	Name	Navaid/Coords/DME	ALT	TOT
1	APEX	N36 21 34.800 W114 54 20.400	15000	
2	FYTTR	N36 21 26.400 W115 41 28.200	27000	20:44
3	SEAD BRAVO	N36 05 59.432 W116 33 52.948	27000	20:50
4	SEAD BRAVO	N36 14 39.162 W116 23 38.266	27000	
5	WHISKEY	N36 54 04.810 W116 54 39.973	27000	
6	SIERRA	N36 37 04.509 W116 01 50.696	27000	
7	ECHO	N37 00 09.953 W115 24 54.146	27000	
8	Pahute Mesa Airstrip	N37 05 41 W116 18 55	0	
9	ARCOE	N36 44 15.600 W114 55 01.200	15000	
10	Nellis AFB	N36 13 32 W115 02 37	1500	

COMMS	
Radio	Usage
1	3,4,16,319.8
3	MIDS A 42 Package

NOTES

HUNTER/KILLER, WM SWAP AGM88 - AGM65

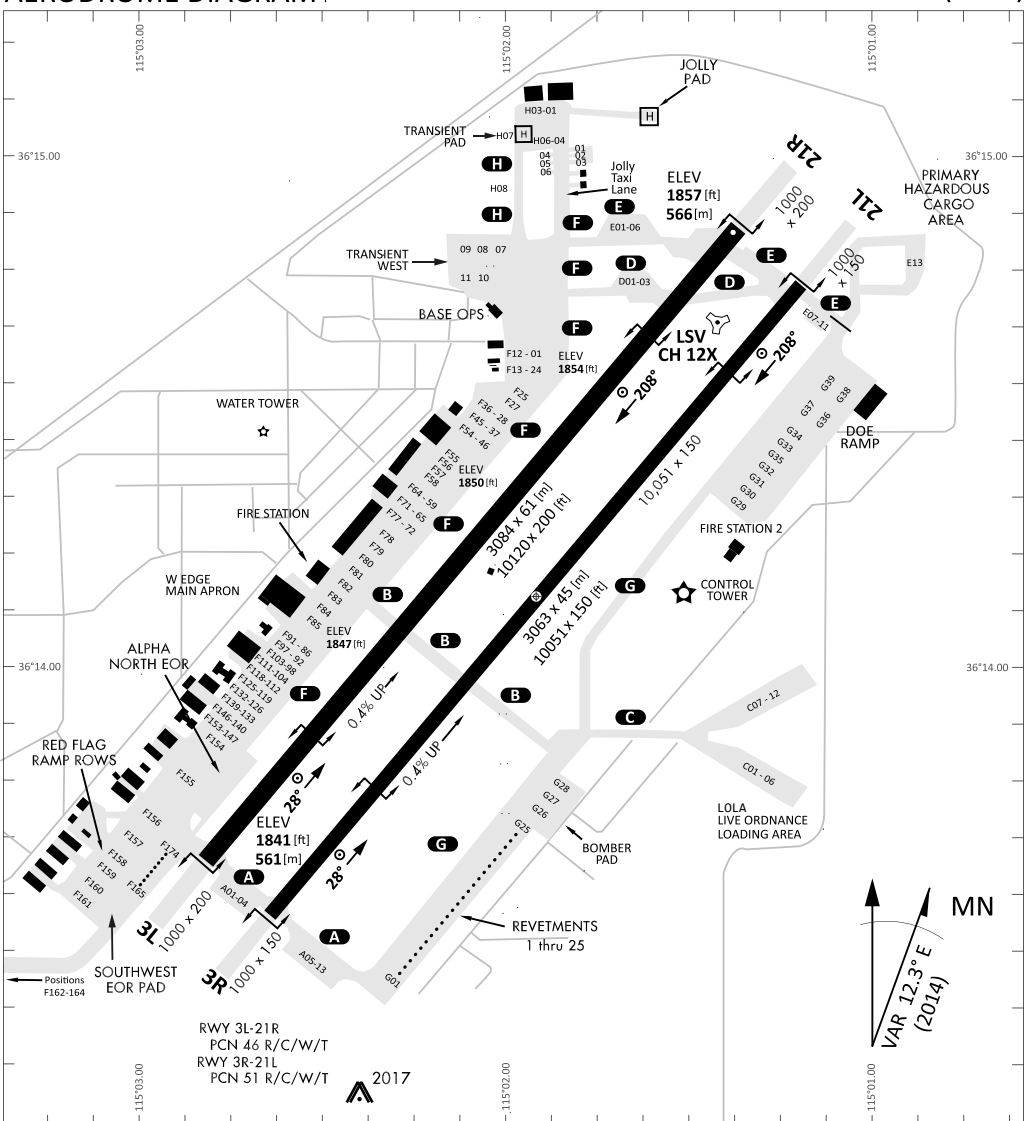
SUPPORT				
Tanker				
Callsign	TCN	Freq	ALT	TAS
ARCO 1	113Y	319.8	FL250	450
	Pos	AR-625: MVA 168/77 (N3717 W11802)		

OTHER FLIGHTS						
Callsign	Mission	Airframe	Freq	TCN	Grpld	Laser
Vanguard 1	Training	1x AV-8B N/A	264.55	21/84		156X
AO		Task				
Cougar 3	Training	2x F/A-18C	263.45	21/84		156X
AO	PAHUTE MESA	Task	SEAD			
Cougar 7	Training	2x F/A-18C	263.85	21/84		156X
AO	PAHUTE MESA	Task	SEAD			
Hawg 1	Training	2x A-10C	132.55	21/84	11	156X
AO	LATNC	Task	Buddy Lase			
Outlaw* 5	Training	2x AH-64D	133.5	21/84		156X
AO	LATNC	Task	Buddy Lase			
Nazgul*	Training	4x F-15E	261.25	21/84		156X
AO		Task	AAR Night			
Raptor 1	Training	4x F-16C	134.0	21/84		156X
AO	R61	Task	Mav + TGP			
Edelweiss 1	Training	1x F/A-18C	264.15	21/84		171X
AO		Task				
Panther 6	Training	2x F/A-18C	263.75	21/84		156X
AO	PAHUTE MESA	Task	SEAD			

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	
R	E	P	U	B	L	I	C	A	N	
KTC 1400 C										
	0	1	2	3	4	5	6	7	8	9
A	FTIB	OXp	HJR	AG	KS	UVY	ME	CQ	LN	DW
B	OBAY	VTL	RWU	SJ	CI	DXN	GM	PE	HK	QF
C	AGJL	SMR	XEV	WT	KI	BUO	DF	HP	QY	NC
D	JSBR	TMH	YGI	FE	UO	PVQ	WN	CL	XK	AD
E	YNWL	BSR	OFU	TG	QK	IPM	AC	EX	VH	DJ
F	VQOH	JEM	GXA	FY	UN	PSD	CB	RW	KL	IT
G	KYVI	SAG	DHR	EW	PF	NXL	MT	UB	OC	QJ
H	FIQA	BDS	XYN	HG	KV	UCP	RT	LW	OJ	EM
I	FDRL	XKW	NUJ	OA	IT	QEV	CY	PS	MB	HG
J	JPRT	ALH	EKF	CD	XS	VNM	QI	WG	YU	BO
K	BRNU	VMC	LIF	YO	GX	TSK	JQ	PW	DE	AH
L	LHWP	BFC	TQI	OE	XA	SUV	MD	NG	YJ	RK
M	JFKG	YSR	BAL	IX	TO	PDW	UC	VH	EQ	NM
N	KMUO	WCV	TQP	LH	ED	XGJ	BN	YR	IF	SA
O	BFGM	JAI	TQC	XL	PH	WKU	NY	SV	OE	RD
P	GMHB	WCR	ANT	KX	ID	SFJ	QL	VE	YO	UP
Q	VDGB	LWI	KAP	MR	EF	COU	XT	JY	SH	NQ
R	KUOA	LYF	NRC	MW	PX	TSE	IQ	GB	JV	DH
S	DEFV	JRY	GUM	IK	XN	OBH	WL	QC	SP	TA
T	YDQV	UAB	KCR	NH	MX	WOT	FP	LE	GS	IJ
U	PJUY	IMT	BSR	LE	XH	VOD	CK	AQ	FG	NW
V	LDVN	EIJ	KXP	CS	YU	TOF	HG	RA	BQ	MW
W	HAVL	PUC	TEG	JO	RY	DQI	XN	FS	MW	BK
X	ELAH	KPY	JQM	WF	NV	OBT	SC	XI	UR	DG
Y	QABI	NLV	UYW	DJ	TX	KCG	SP	EF	HR	OM

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	CAT	MINIMA	ARP 36° 14.060' N 115° 01.058' W	ELEV	Scale 1:35'500						
PAR	21L 3R	A B D E A B D E	2057 - 0.8 200 (200-0.8/1.6) GS 3° 2057 - 0.8 200 (200-0.8/1.6) GS 3°		1857 [ft]	030060090012001500 [m] 010002000300040005000 [ft]						
SRA	21R 3L	A C D E A C D E	2257 - 1.2 350 (350-1.2/1.6) 2257 - 1.2 350 (350-1.2/1.6)		566 [m]							
RWY		TORA		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

FYTTR THREE DEPARTURE

NELLIS AFB (KLSV)
IFR CHART | VALID 2014 LAS VEGAS, NEVADA

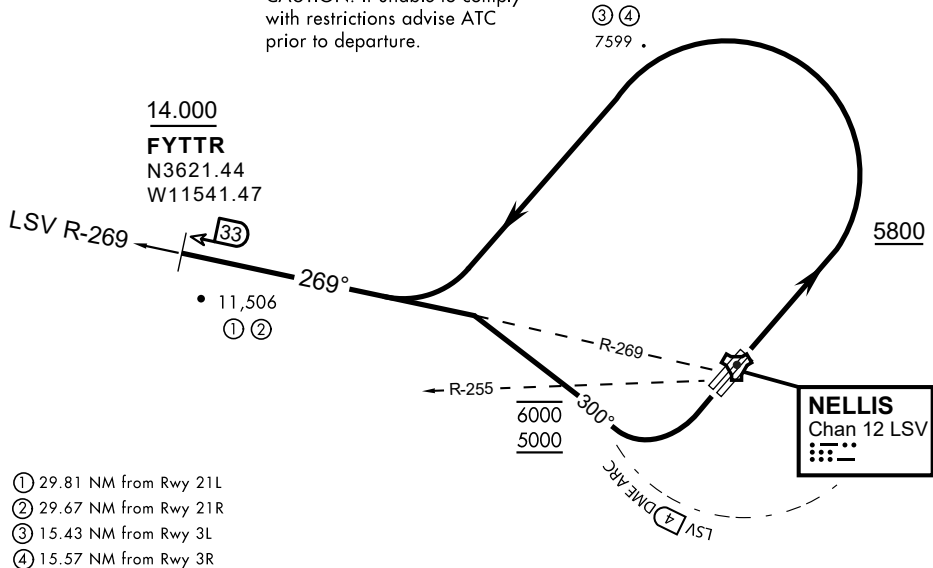
ATIS
270.100
NELLIS GROUND
275.800
NELLIS TOWER
327.000
NELLIS CONTROL
317.525
NELLIS DEP/APP EAST
384.400
BLACKJACK
377.800



Rwy	Knots	60	120	180	240	300	360
3L ①	V/V(fpm)	394	788	1182	1576	1970	2364
3R ②	V/V(fpm)	392	784	1176	1568	1960	2352
21L ③	V/V(fpm)	388	776	1164	1552	1940	2328
21R ④	V/V(fpm)	390	780	1170	1560	1950	2340

Minimum Climb Rate
① to 9300
② to 13 500

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



- ① 29.81 NM from Rwy 21L
- ② 29.67 NM from Rwy 21R
- ③ 15.43 NM from Rwy 3L
- ④ 15.57 NM from Rwy 3R

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RWY 3L/R

- Fly runway heading until reaching 5,800'.
- Then climbing left turn to intercept LSV TACAN R-269 outbound.
- Cross FYTTR at or above 14,000' or as assigned, then via assigned route.

TAKEOFF RWY 21L/21R

- Turn right to intercept LSV TACAN R-269 outbound.
- Remain within LSV 4 DME until joining LSV R-269
- Cross R-255 between 5,000' and 6,000'.
- Cross FYTTR at or above 14,000' or as assigned, then via assigned route.

NOISE ABATEMENT PROCEDURES:

Fly according Nellis Noise Abatement instructions as published

HI-TACAN Z RWY 21L

TACAN LSV Chan 12	APCH CRS 210°	Rwy ldg 21L 10,051 TDZE 1865 Arpt Elev 1869	Rwy ldg 21R 10,120 TDZE 1869
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JAL-227 [USAF]

NELLIS AFB (KLSV)

▼* When ALS inop, increase CAT CDE vis to 1½ miles.
 ** Circling not authorized E of Rwy 3R-21L.



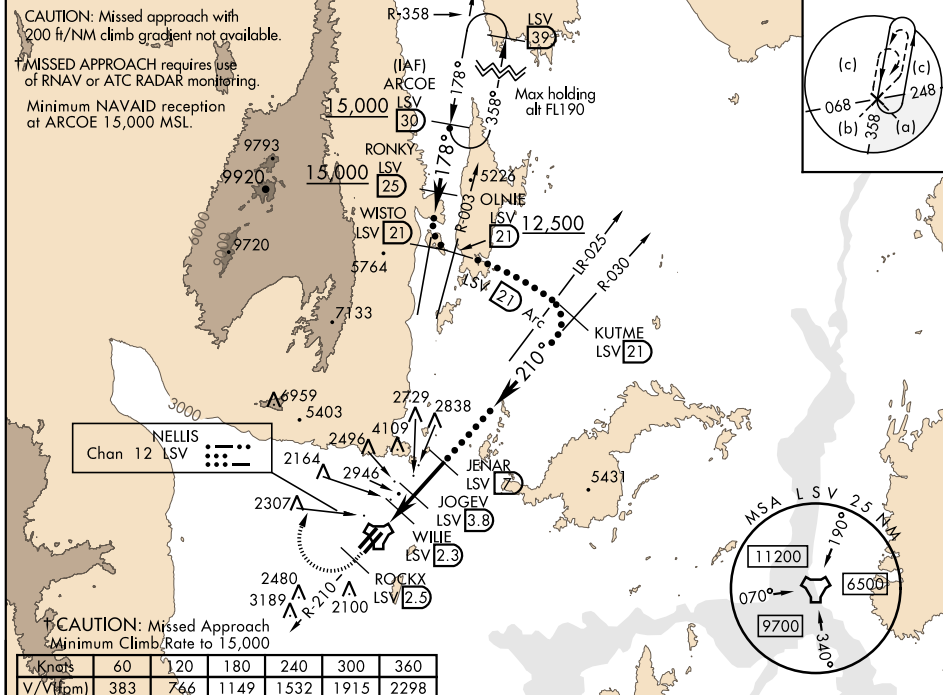
† MISSED APPROACH: Climb to 15,000, intercept LSV TACAN R-210 to 2.5 DME (ROCKX), then climbing right turn heading 020° to join LSV R-358 to ARCOE and hold, continue climb in hold to 15,000. Missed approach not for civil use.

ATIS 270.1	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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CAUTION: Missed approach with 200 ft/NM climb gradient not available.

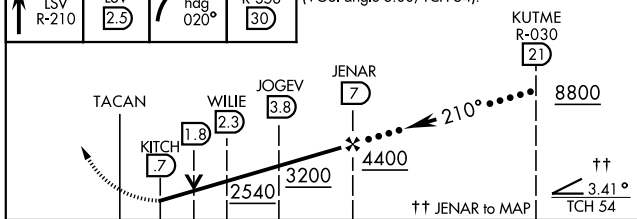
† MISSED APPROACH requires use of RNAV or ATC RADAR monitoring.

Minimum NAVAID reception at ARCOE 15,000 MSL.



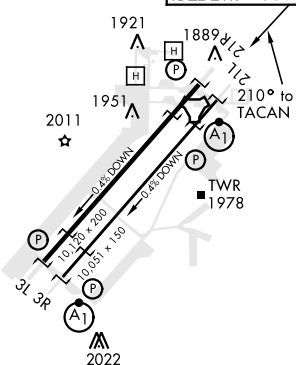
Knots	60	120	180	240	300	360
V/V _{100m}	383	766	1149	1532	1915	2298

Controlling Obstacle 6959'
 EMERG SAFE ALT 100 NM 14,000



CATEGORY	C	D	E
S-21L *	2460-1¼	595 (600-1¼)	
SIDESTEP 21R	2460-1	591 (600-1)	
◻ CIRCLING **	2620-2¼ 751 (800-2¼)	2840-3 971 (1000-3)	3040-3 1171 (1200-3)

ELEV 1869	TDZE 21L 1865 TDZE 21R 1869
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HIRL all Rwy

HI-TACAN Z RWY 21L