

MISSION DATA CARD								
OPORD		Callsign		Mission		Date/Time		
422/2021		Lion 6		Training		272000NOV21		
Task	FPT Test					Freq		
AO	North War/ SA-10					261.35		
Departure				Recovery				
FYTTR THREE				HI-TACAN Y RWY 21L				
#	Callsign		Pilot		IFF	TCN	LSR	NET
-1	Lion 6-1		Poet		1251	31Y	1571	
-2	Lion 6-2		Stiletto		1252	94Y	1572	

LOADOUT			
A/A			GUN
A/G			CHF
POD			FLR
TKS			FUEL

TOLD					
	Takeoff	Target	Joker	Bingo	Land
FUEL	7163			3500	

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	FYTTR	LSV 269/33 (N36 21.440 W115 41.470)	20000	
2	JAYSN	N36 34.425 W116 02.444	30000	
3	FLUSH	LSV 287/73 (N36 50.800 W116 20.270)	30000	
4	GARTH	LSV 302/90 (N37 17.960 W116 21.260)	30000	
5	Belted Peak	TQQ 100/36 (N37 34 W116 04.500)	30000	
6	Groom Lake	INS 339/42 (N37 16.500 W115 48)	2000	
7	BIGHORN	LSV 347/97 (N37 52 W115 02)	30000	
8	ELKXX	LSV 001/100 (N37 52 W114 30)	30000	
9	MOOSE	LSV 016/94 (N37 36.770 W114 04.420)	30000	
10	TIMBR	LSV 011/33 (N36 45 W114 44.580)	25000	
11	ARCOE	LSV 357/30 (N36 44.260 W114 55.020)	20000	
12	TROUTT	LSV 323/63 (N37 17 W115 07.050)	0	

COMMS	
Radio	Usage
1	(3), (4), (16)
2	261.35
3	41
4	45

NOTES

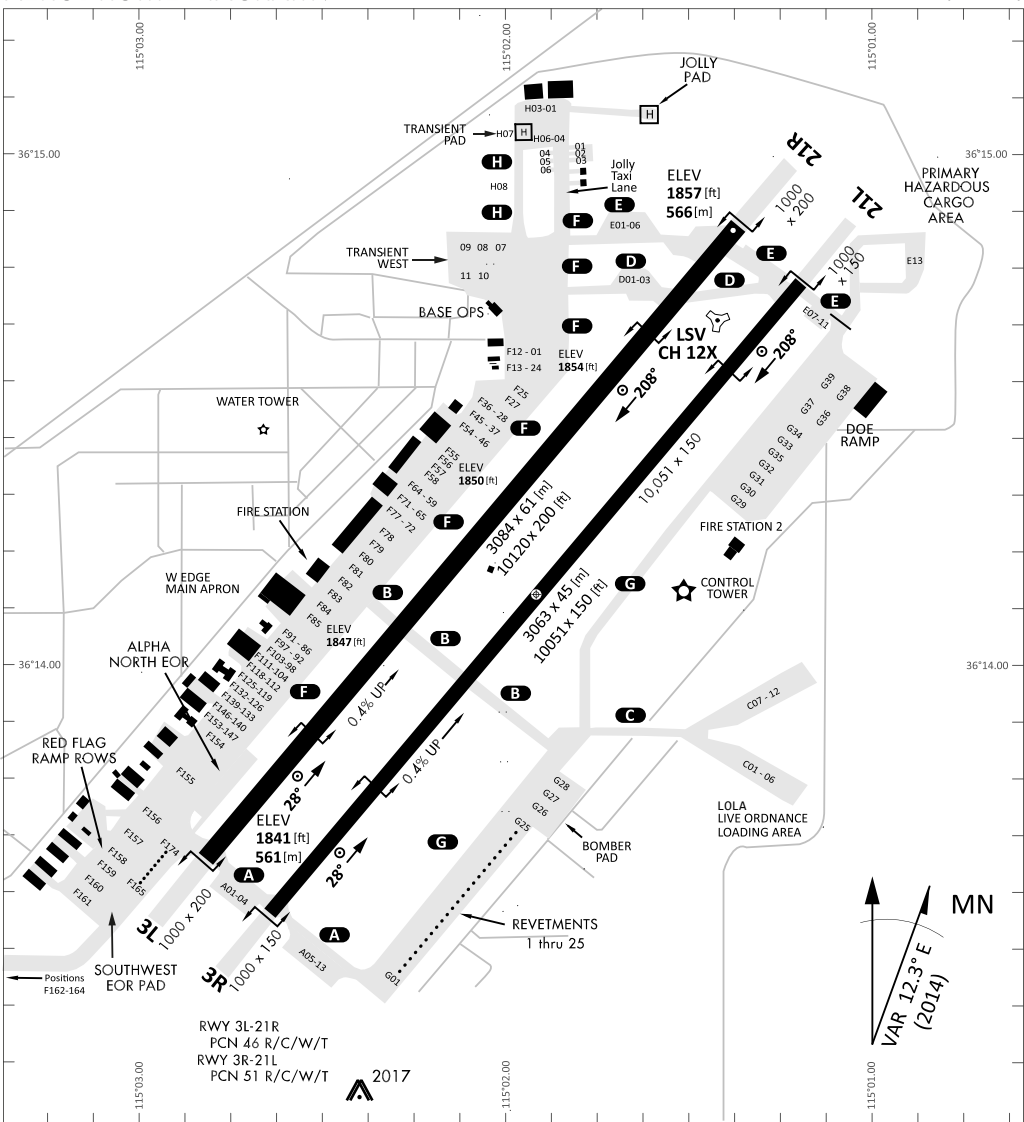
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SUPPORT				
Tanker				
Callsign	TCN	Freq	ALT	TAS
SHELL 2	115Y	360.8	FL250	430
	Pos	AR-635: MLF 260/127 (N3831 W11542)		

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	
C	L	O	T	H	E	S	P	I	N	
KTC 1400 C										
	0	1	2	3	4	5	6	7	8	9
A	STUD	MCQ	RYJ	KG	FB	ILW	PH	NO	VA	EX
B	DQGA	CLS	FIJ	OE	RK	MPV	YH	WN	XU	TB
C	UMHT	YVA	ONJ	WL	RP	SBD	QF	CI	XK	GE
D	VECK	BAG	MXU	JD	PS	OIR	HT	FN	YL	QW
E	HEPV	RYT	GIX	AQ	JL	SKO	UC	NF	BM	WD
F	QBUN	OLM	IYG	CA	HK	TSF	WE	XR	PV	JD
G	AWKO	JSI	VLU	EY	TF	DXG	NR	BP	QM	CH
H	YGVJ	SWD	TPK	HI	XR	QUB	FM	NL	CA	EO
I	IGLB	WYK	HSU	VE	MJ	OCN	RF	QD	TP	XA
J	KLDE	MUB	FAJ	XG	QR	SVW	PC	TI	NO	YH
K	EAGQ	VWO	HDM	FX	PI	JRU	TS	YK	NB	LC
L	HMYX	SOV	DBU	LG	KE	ANR	QW	PJ	TI	FC
M	YNRP	HKL	SQJ	GF	MB	WTI	DA	VX	EC	UO
N	FLWQ	XDN	TEV	GR	KI	SOP	BJ	CH	YM	AU
O	TQUM	LRY	WNI	XC	AP	SHK	BD	EJ	GO	VF
P	GFKJ	YEP	QUL	OS	BN	HWD	XT	MI	CV	AR
Q	PRDJ	HNI	XQF	UW	MK	YBS	CE	LV	OG	TA
R	WAFK	LEV	JRX	NC	MB	DPT	UG	HS	IY	OQ
S	EHFR	YKX	JOB	VD	PG	UMW	LI	NS	CT	AQ
T	NGKP	WME	AIR	OF	HU	YBJ	QL	TD	CX	VS
U	KBVE	AQU	NLF	OD	PI	GRC	WJ	YT	SH	XM
V	MFUW	LTY	HXG	RS	AJ	DQO	PI	KV	NB	EC
W	HMVO	XFT	UIW	BC	PY	SKE	JD	GR	NA	LQ
X	CKTX	GPN	YDS	EV	RM	WQF	AU	LB	HI	JO
Y	WQXS	ATF	EVL	PI	KH	GMD	JY	ON	UC	BR

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



PAR	RWY	CAT	MINIMA		ARP 36° 14.060' N 115° 01.058' W	ELEV 1857 [ft] 566 [m]	Scale 1:35'500						
	21L	A B D E	2057 - Q.8 200 (200-0.8/1.6) GS 3°				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

FYTTTR THREE DEPARTURE

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

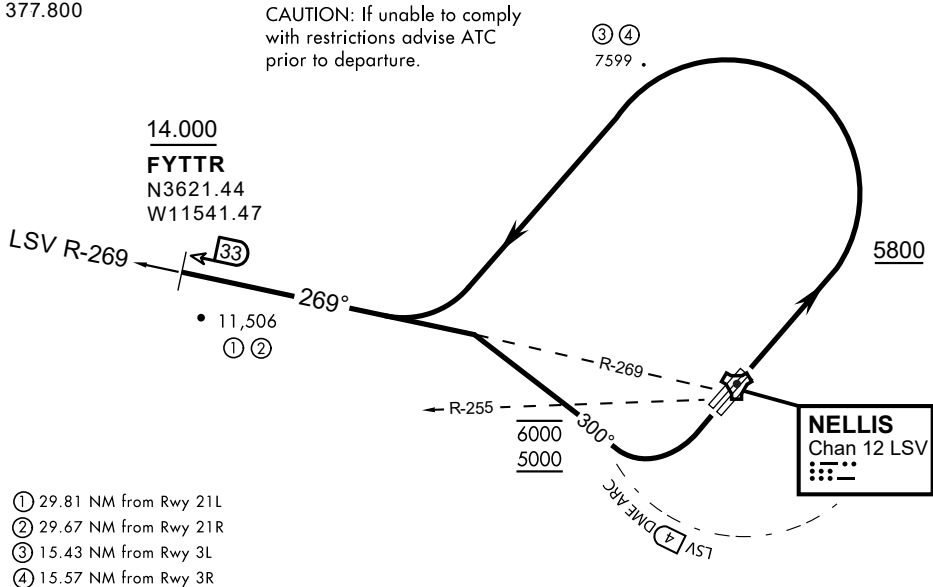
ATIS
270.100
NELLIS GROUND
275.800
NELLIS TOWER
327.000
NELLIS CONTROL
317.525
NELLIS DEP/APP EAST
384.400
BLACKJACK
377.800



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

Minimum Climb Rate
(a) to 9300
(b) 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 FYTTTR 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 FYTTTR 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 Y RWY 21L

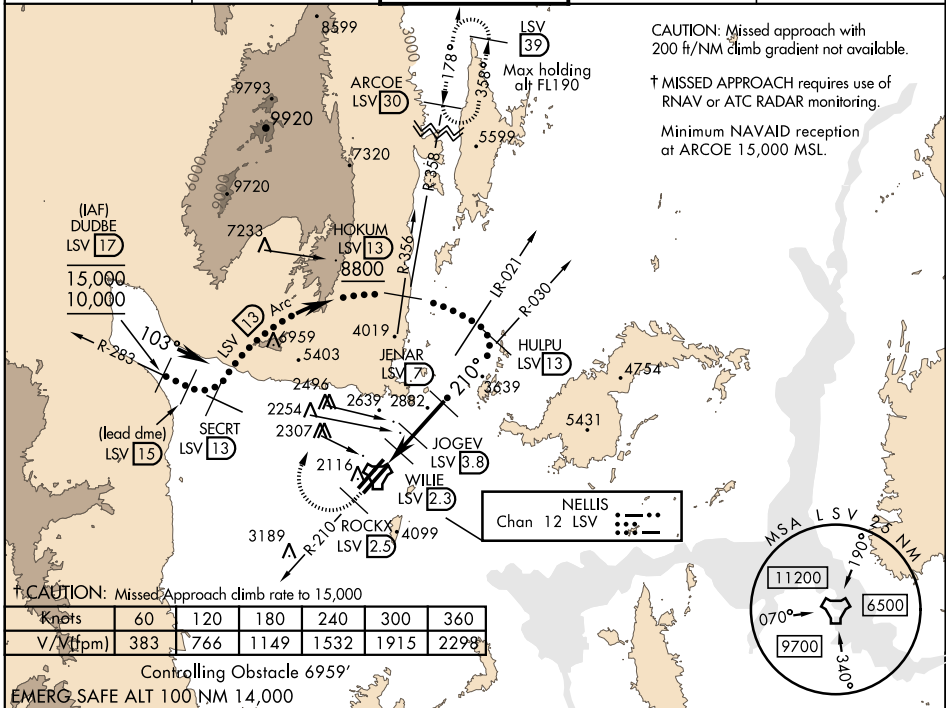
TACAN LSV Chan 12	APCH CRS 210°	Rwy ldg 21L 10,051 TDZE 1865 Arpt Elev 1869	Rwy ldg 21R 10,120 TDZE 1869
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JAL-227 [USAF] NELLIS AFB (KLSV)

⚠ * When ALS inop, increase CAT CDE vis to 1¾ miles.
** Circling not authorized E of Rwy 3R-21L.

ALSF-1
† 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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VGSI and descent angles not coincident (VGSI angle 3.00/TCH 54).	15,000 LSV R-210	ROCKX LSV 2.5	hdg 020°	ARCOE R-358 30	ELEV 1869	TDZE 21L 1865	TDZE 21R 1869
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)		

HI-TACAN Y RWY 21L



INDIAN SPRINGS, NEVADA

TACAN INS Chan 87	APCH CRS 065 °	Rwy ldg TDZE Arpt Elev	9002 3133 3113
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INDIAN SPRINGS AF AUX (KINS)



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

114

NELLIS CON

CREECH AFB TOWER
118.30 660.60

GND CON

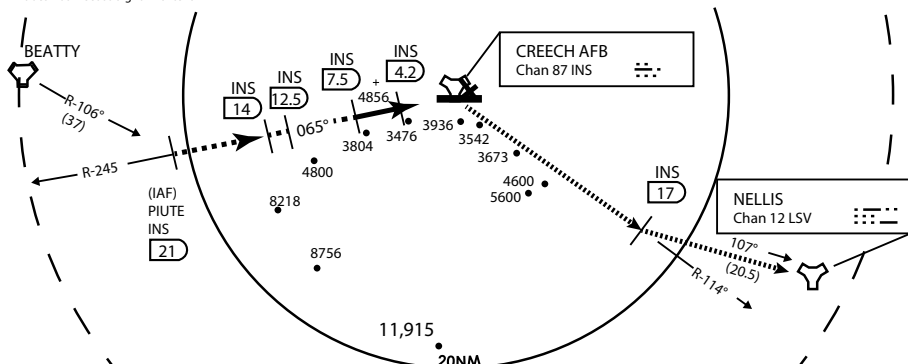
NOT FOR CIVIL USE

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



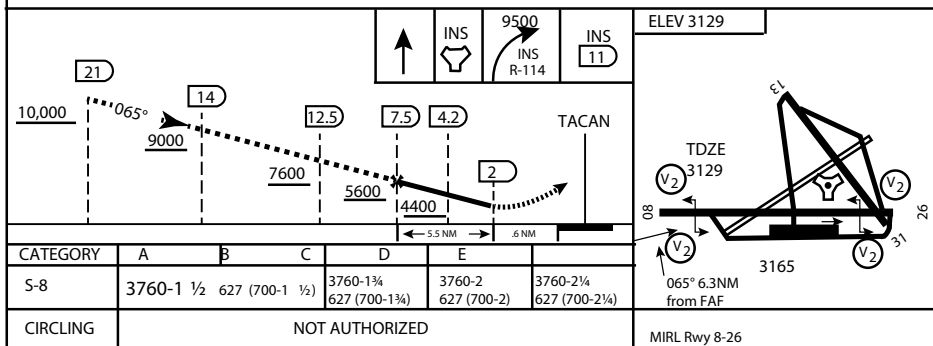
* CAUTION: Missed Approach Climb Rate to 4,700

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



CITY OF INDIAN, NEVADA

INDIAN SPRINGS AF AUX (KINS)

(FOR DAY VFR USE ONLY)

Modified by vJaBoG 66 for use with DCS

NOT FOR REAL LIFE NAVIGATION



