

MISSION DATA CARD							
OPORD		Callsign		Mission		Date/Time	
1954/2023		Tiger 1		Training		052000JUN23	
Task	GMT/AGM/GBU Training					Freq	
AO	Range 71.07					261.15	
Departure			Recovery				
FYTTR THREE			HI-TACAN Y RWY 21L				
#	Callsign	Pilot		IFF	TCN	LSR	NET
-1	Tiger 1-1	Ghost		1011	11Y	1551	01/01
-2	Tiger 1-2	Jemi		1012	74Y	1552	01/02
-3	Tiger 1-3	Laud		1013	74X	1553	01/03
-4	Tiger 1-4	Razorback		1014	11X	1554	01/04

LOADOUT			
A/A	2xA9X, A120C	GUN	100% HEI-T
A/G	A65E, G38, G12, A65F	CHF	90
POD	TGP	FLR	30
TKS	FPU-8A	FUEL	100%

TOLD					
	Takeoff	Target	Joker	Bingo	Land
FUEL	13047			4000	2000

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	N36 21 26.381 W115 41 28.160	14000	
2	Pahute Mesa	N37 06 06.507 W116 18 46.284	20000	
3	IP	N37 37 43.586 W116 29 24.919	24000	
4	Target Area 71.07	N37 37 56.878 W116 54 42.464	4744	
5	AR635	N38 30 59.468 W115 41 59.918	22000	
6	Troutt BE	N37 16 59.861 W115 07 30.277	20000	
7	SARAH	N36 36 29.179 W115 18 00.694	10000	
8	Gass Peak	N36 24 07.858 W115 10 44.082	8800	
9	Nellis AFB	N36 13 32 W115 02 37	3500	

COMMS	
Radio	Usage
1	11(Atis), 3(NG), 4(NT), 16(BJ), 18(SH), 16(BJ), 4(NT), 3(NG)
2	Inhouse 261.15
3	MIDS A: 22 / B: 44

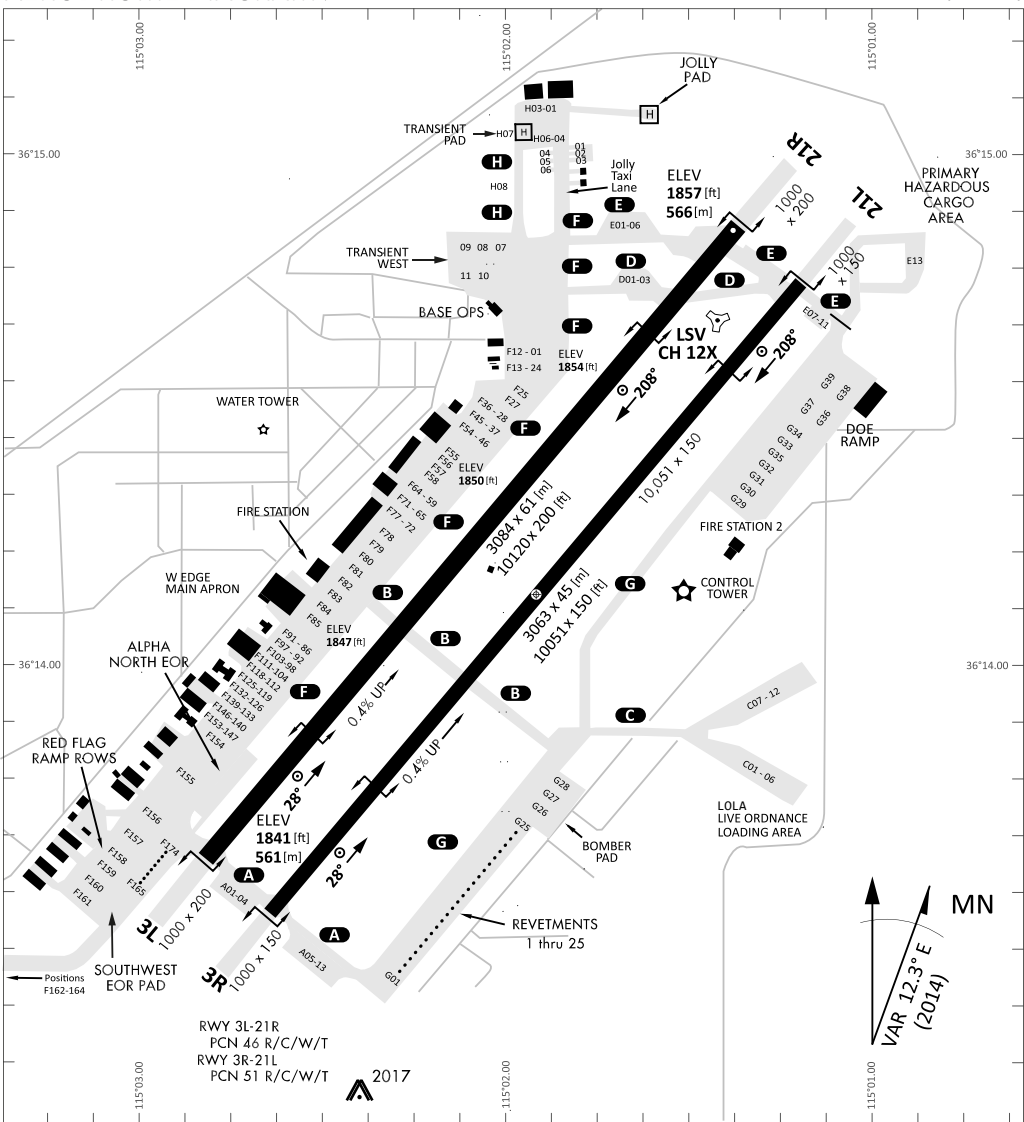
SUPPORT					
Tanker					
Callsign		TCN	Freq	ALT	TAS
ARCO 1		113Y	319.8	FL250	450
	Pos	AR-625: MVA 168/77 (N3717 W11802)			
SHELL 2		115Y	360.8	FL250	430
	Pos	AR-635: MLF 260/127 (N3831 W11542)			
AWACS					
Callsign	Freq	ALT	Pos		
MAGIC	377.8	FL270	N3749 W11417 - N3713 W11446		

OTHER FLIGHTS						
Callsign	Mission	Airframe	Freq	TCN	Grpld	Laser
Edelweiss 4	Training	2x A-10C	133.55	21/84	25	174X
	AO		Task	Sam Training		
Tiger 2	Training	2x F/A-18C	261.35	11/74		155X
	AO	R 71.08	Task	GMT/AGM/GBU Training		
Raptor 1	Training	4x F-16C	134.0	21/84		156X
	AO	BFM ZRange	Task	Fox2 Training		
T-Rex 2	Training	2x A-10C	132.25	21/84	25	165X
	AO		Task	Sam Training		
T-Rex 4	Training	1x A-10C	130.55	18/81	18	169X
	AO		Task	Sam Training		
Beast 2	Training	1x A-10C	132.15	21/84	12	156X
	AO	Groom Lake	Task	Missile Defense		

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	O	M	P	A	T	I	B	L	E	
KTC 1400 C										
	0	1	2	3	4	5	6	7	8	9
A	PUID	WTE	QGY	CK	LM	OBJ	NF	SA	RV	XH
B	AHQV	ENT	MGW	JB	RI	PCF	UL	SD	XY	OK
C	AXYU	IGE	PCJ	TB	KH	NVQ	FO	LM	WD	SR
D	PJWN	RXL	VAT	UK	MS	QDY	EH	BF	IO	GC
E	WAYL	MKX	JTP	SF	EV	UDR	GB	IH	NO	CQ
F	MOLX	DIN	JSQ	VG	YU	PTR	AW	KE	BH	FC
G	KEOM	LAP	GRN	WI	TJ	VUQ	DF	CY	XB	HS
H	KIWH	EYS	QAX	TR	JC	BLV	GP	ND	UO	MF
I	WIEQ	FSR	AKH	CM	BN	LTY	OD	VX	PU	GJ
J	BCTX	PIR	LNМ	YJ	WV	FGK	SE	HO	AQ	UD
K	TMSR	KDW	OVG	HF	XI	NBP	JY	LQ	UE	AC
L	BXUS	MEF	TNQ	HG	WP	KRY	OA	IJ	CL	VD
M	BHUT	IKC	WXM	SO	EP	AQL	FJ	RY	DN	GV
N	JLBV	RKX	HSO	DQ	PF	ITC	YA	WE	UN	GM
O	AYWC	SQU	JFN	BG	RV	LPM	DO	HT	IX	KE
P	FVWA	PLB	YCG	NS	QE	TUD	MI	RO	JX	KH
Q	WJSO	MFC	NHD	GT	UL	VIE	PY	XB	QA	RK
R	AKVP	YWH	LUO	SF	IB	CRD	EQ	MT	NG	XJ
S	PCNT	BKV	RWL	OH	YQ	EMI	JA	FD	GX	US
T	IHGD	OBP	ULJ	RW	FC	QYV	TA	KX	MS	NE
U	GNPV	FIY	DXE	UR	OS	QCH	BM	LJ	KA	WT
V	VODE	XGL	NSA	QJ	IH	KUY	FW	TM	RB	PC
W	LRCK	QFP	EGI	YM	AV	TBH	XU	SD	WO	NJ
X	MFTC	DQB	YSK	LG	EX	OHP	RI	UV	NW	JA
Y	KFNU	OJW	VTG	QP	AI	XHM	BE	SR	CL	YD

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 - 0.8 200 (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

FYTTR THREE DEPARTURE

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

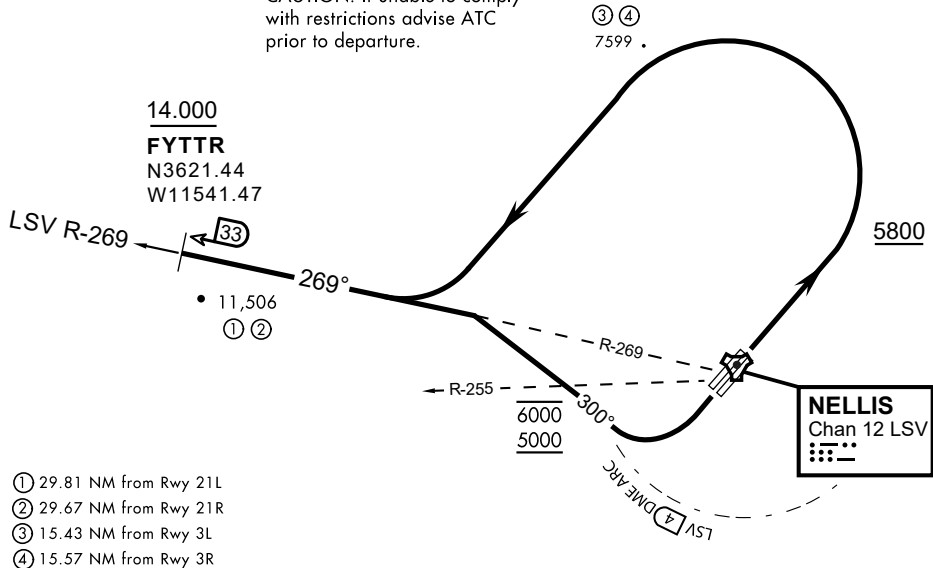
ATIS
270.100
NELLIS GROUND
275.800
NELLIS TOWER
327.000
NELLIS CONTROL
317.525
NELLIS DEP/APP EAST
384.400
BLACKJACK
377.800



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

Minimum Climb Rate
ⓐ to 9300
ⓑ 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

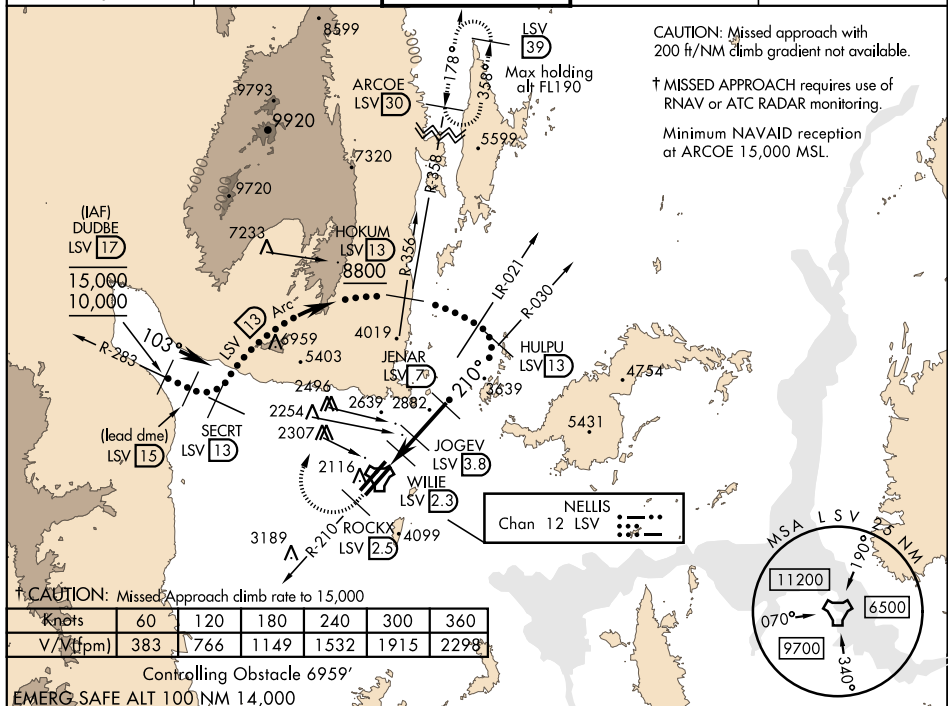
- Turn right to intercept LSV TACAN R-269 outbound.
- Remain within LSV 4 DME until joining LSV R-269
- Cross R-255 between 5,000' and 6,000'.
- Cross FYTTR at or above 14,000' or as assigned, then via assigned route.

NOISE ABATEMENT PROCEDURES:

Fly according Nellis Noise Abatement instructions as published

HI-TACAN Y RWY 21L

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

TACAN

KITCH 7

WILLE 1.8 2.3

JOGEV 3.8

JENAR 7

HULPU 13

5300

210° to TACAN

4400

2540

3200

†† JENAR to MAP

†† 3.41° TCH 54

CATEGORY	C	D	E
S-21L *	2460-1 ¼	595 (600-1 ¼)	
SIDESTEP 21R	2460-1	591 (600-1)	
CIRCLING **	2620-2 ¼ 751 (800-2 ¼)	2840-3 971 (1000-3)	3040-3 1171 (1200-3)

Diagram details: The approach path starts at TACAN, passes through KITCH (7), WILLE (1.8, 2.3), JOGEV (3.8), JENAR (7), and HULPU (13). Altitudes are 5300, 4400, 2540, and 3200. A 210° turn is indicated from JENAR to HULPU. A 3.41° TCH 54 is noted. A diagram on the right shows the approach path with a 6.6% DOWN slope, a 10.1% DOWN slope, and a 0.6% DOWN slope. It also shows a 210° turn to TACAN and a 210° turn to TACAN. A TWR 1978 is indicated.

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

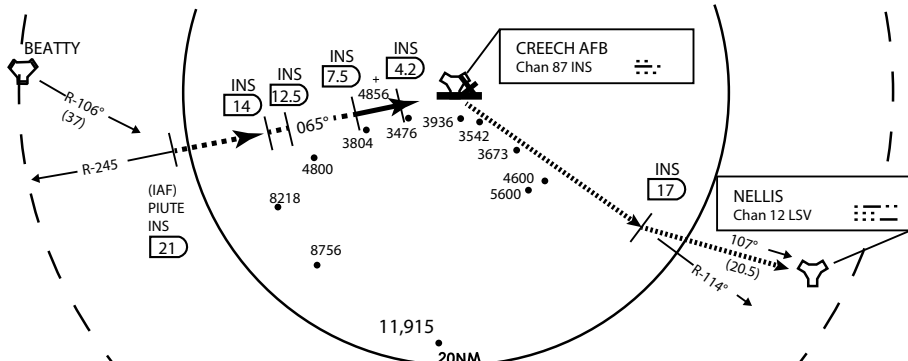
NOT FOR CIVIL USE

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



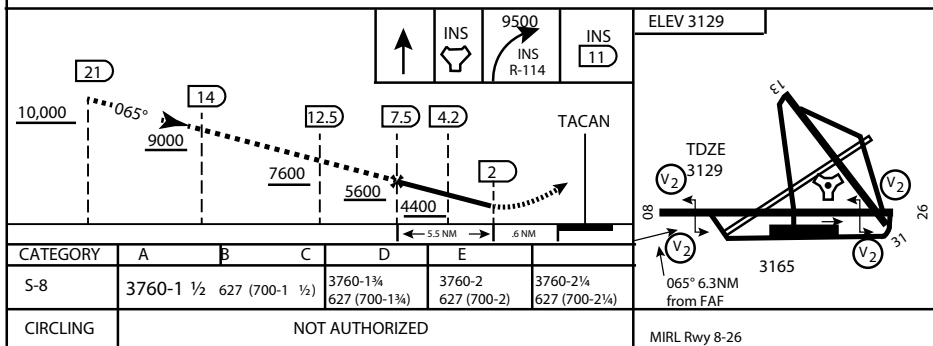
* CAUTION: Missed Approach Climb Rate to 4,700

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



