

MISSION DATA CARD							
OPORD		Callsign		Mission		Date/Time	
2080/2023		Tiger 1		Training		242000AUG23	
Task	CCIP Bomb-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	Kosmoss		1012	74Y	1552	01/02
-3	Tiger 1-3	Jemi		1013	74X	1553	01/03
-4	Tiger 1-4	Hawk		1014	11X	1554	01/04

LOADOUT			
A/A	2xA9X, A120C		
A/G	4xM83		
POD	TGP		
TKS	FPU-8A		

TOLD					
	Takeoff	Target	Joker	Bingo	Land
FUEL	13047			3500	1500

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

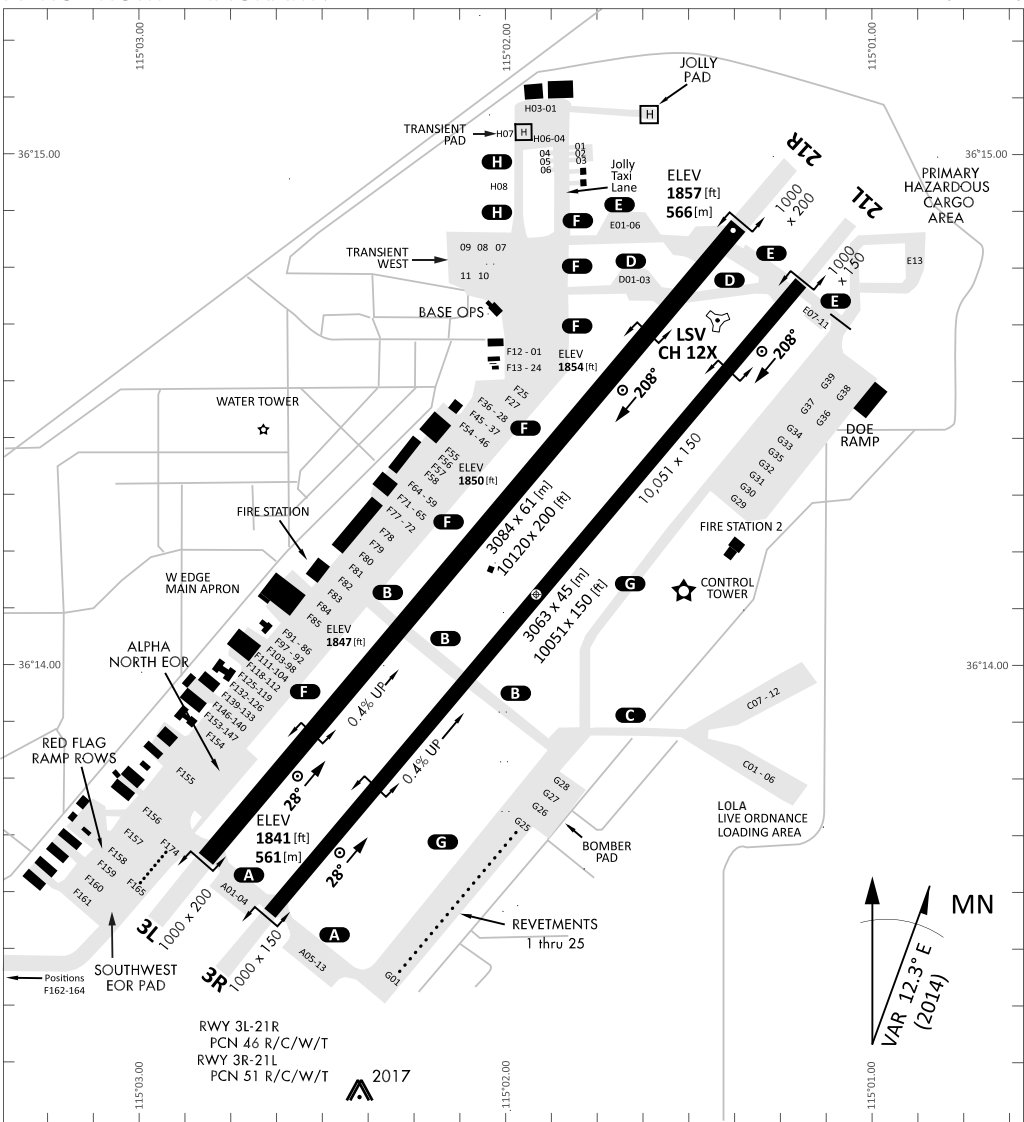
SUPPORT					
Tanker					
Callsign		TCN	Freq	ALT	TAS
ARCO 1		113Y	319.8	FL250	450
	Pos	AR-625: MVA 168/77 (N3717 W11802)			
SHELL 2		115Y	360.8	FL250	430
	Pos	AR-635: MLF 260/127 (N3831 W11542)			
AWACS					
Callsign	Freq	ALT	Pos		
MAGIC	377.8	FL270	N3749 W11417 - N3713 W11446		

OTHER FLIGHTS						
Callsign	Mission	Airframe	Freq	TCN	Grpld	Laser
Rattler 1	Training	4x AH-64D	133.5	21/84		125X
	AO	LATNC	Task			
Vanguard	Training	1x AV-8B N/A	264.55	21/84		168X
	AO	ALAMO + R61	Task	Weapons Training		
Edelweiss 6	Training	2x A-10C	134.65	21/84	40	166X
	AO	Nellis AFB	Task	BJT		
Raptor 1	Training	2x F-16C	134.0	21/84		156X
	AO	CREECH	Task	Flameout Pattern		
Raptor 2	Training	2x F-16C	134.5	21/84		157X
	AO	CREECH	Task	Flameout Pattern		
Nazgul* 6	Training	4x F-15E	261.25	21/84		156X
	AO	North war	Task	Formation training		
Monster 1	Training	4x A-10C	132.15	25/88	21	161X
	AO	R64 + AR-641A	Task	AAR + Gun Training		

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	
A	R	T	I	C	H	O	K	E	S	
KTC 1400 C										
	0	1	2	3	4	5	6	7	8	9
A	FXOB	WHU	GVY	DP	AL	CMR	IQ	JT	SN	EK
B	MVRD	NFK	CEU	HS	GT	BWI	YX	LJ	AO	PQ
C	XGCD	PSO	NUF	AE	YW	LKB	HJ	QI	MV	TR
D	LBET	CUF	HAY	KM	SN	QPO	JI	DG	XV	WR
E	JOEG	VHL	FMA	PN	KC	DTB	QX	YS	RW	UI
F	SUJM	DYV	RAG	HT	PW	FBK	EO	CL	XQ	IN
G	CBPA	ONY	VSX	WU	KH	JRF	TL	QD	EI	MG
H	YOHS	JWF	VQP	ND	BG	ALM	RE	IK	TU	CX
I	WVRX	PKD	NIT	LU	HS	BAF	GM	YC	QO	EJ
J	VYFA	LIX	DCJ	SO	ER	BGN	UT	PW	HM	KQ
K	YBAW	XOC	EUQ	NF	MJ	RHD	IS	KV	LT	GP
L	WJNO	YAB	SLC	ED	FI	UTK	HV	PG	QX	RM
M	TDGM	XJF	VSU	KR	CB	WOQ	EL	IH	YN	PA
N	VEWR	KBI	CHT	XA	OY	NQP	DJ	LU	GF	SM
O	DYFO	UMC	LNK	VW	JR	HXE	IG	BQ	ST	AP
P	JOCG	WKY	SQD	HE	IT	PNF	LU	XR	MA	VB
Q	REBH	DYP	LJT	XI	MF	KNV	SO	CG	WA	QU
R	XPGN	IBD	RKW	AQ	EO	VJH	CL	TS	YU	MF
S	OWEY	JLD	RKT	IH	BX	QFP	MU	SG	NV	CA
T	JUGL	BHO	YXW	DQ	AP	MIR	FS	KV	TN	EC
U	EDYB	UCH	SLF	TO	MP	KWQ	IR	VX	NJ	AG
V	DGWK	NSF	ICH	XU	MQ	RJT	PY	LE	AV	BO
W	DOMW	NEH	SIF	VU	JB	LTR	YP	QX	KG	AC
X	HSAL	XFW	BOM	JV	RK	YUD	PG	EQ	TN	CI
Y	GKSU	JEV	AXD	FO	IW	YNB	CQ	PR	TM	LH

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	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	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

FYTTR THREE DEPARTURE

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

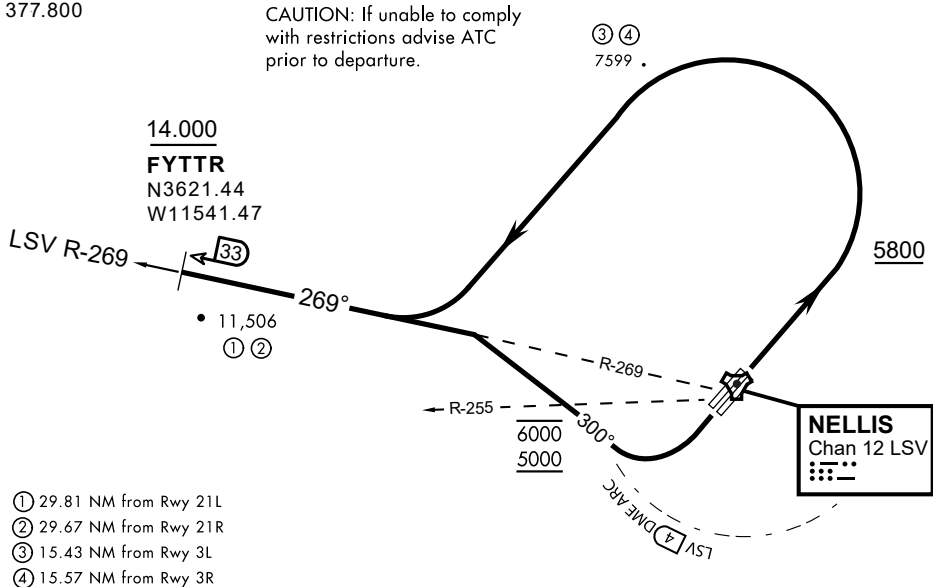
ATIS
270.100
NELLIS GROUND
275.800
NELLIS TOWER
327.000
NELLIS CONTROL
317.525
NELLIS DEP/APP EAST
384.400
BLACKJACK
377.800



Rwy	Knots	60	120	180	240	300	360
3L	(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 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.

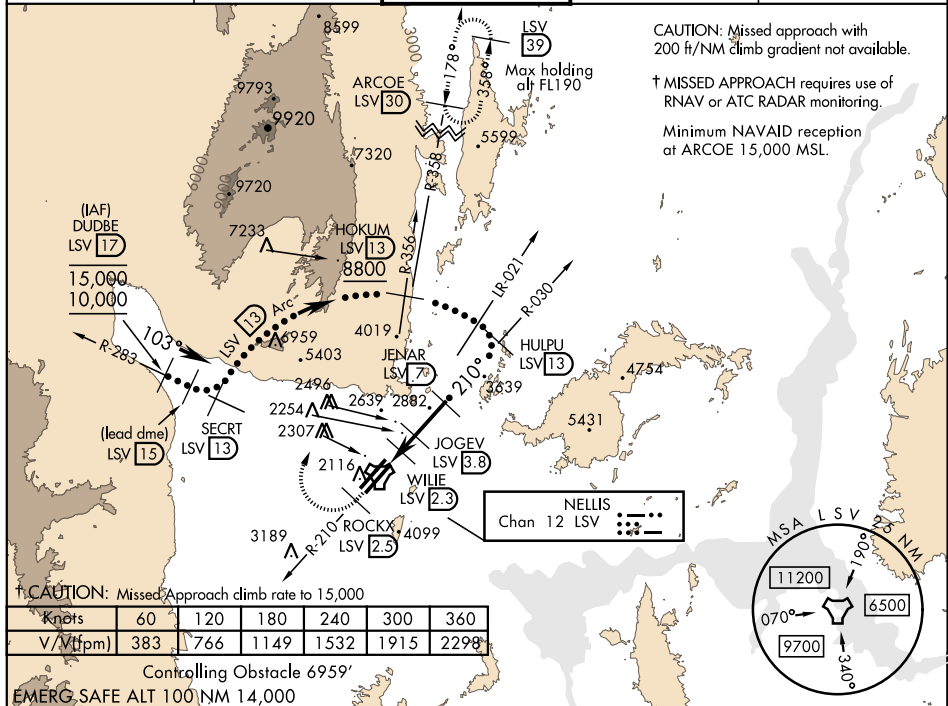
NOISE ABATEMENT PROCEDURES:

Fly according Nellis Noise Abatement instructions as published

HI-TACAN Y RWY 21L

TACAN Chan 12	LSV 210°	APCH CRS 210°	Rwy ldg 21L 10,051 TDZE 1865 Arpt Elev 1869	Rwy ldg 21R 10,120 TDZE 1869	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 *	2460-1 1/4	595 (600-1 1/4)	
SIDESTEP 21R	2460-1	591 (600-1)	
CIRCLING **	2620-2 1/4 751 (800-2 1/4)	2840-3 971 (1000-3)	3040-3 1171 (1200-3)

HIRL all Rwy

HI-TACAN Y 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 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 direkt KSV TACAN

114

NELLIS CON

CREECH AFB TOWER
118.30 660.60

GND CON

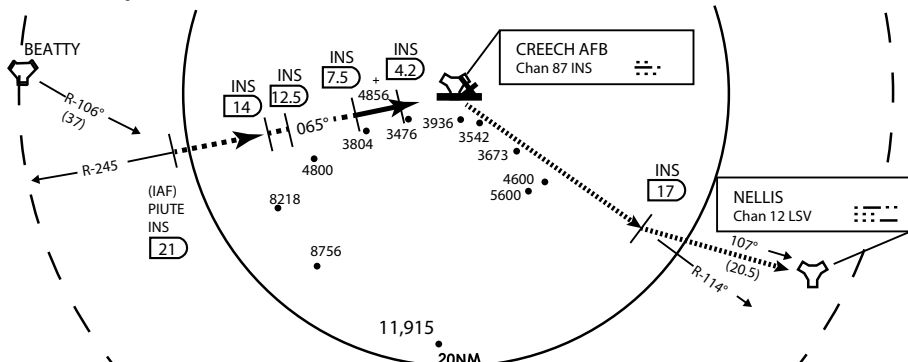
NOT FOR CIVIL USE

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



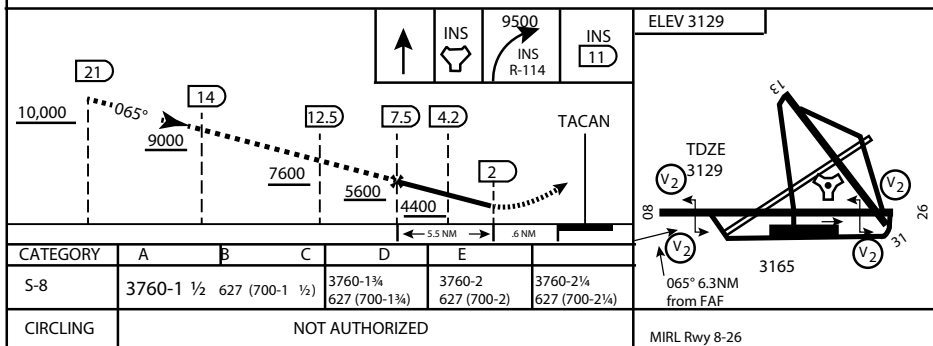
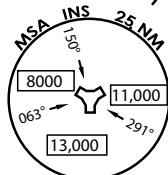
* CAUTION: Missed Approach Climb Rate to 4,700

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



