

MISSION DATA CARD						
OPORD		Callsign	Mission	Date/Time		
1938/2023		Panther 1	Training	252000MAY23		
Task	Bomb delivery					Freq
AO	Range 64					261.35
Departure			Recovery			
FYTTR LOW			STRYK			
#	Callsign	Pilot	IFF	TCN	LSR	NET
-1	Panther 1-1	SNAFU	1221	31Y	1571	

LOADOUT			
A/A	2xA9X, A120B	GUN	100% HEI-T
A/G	2xG312B, 2xM84	CHF	80
POD	TGP	FLR	40
TKS	FPU-8A	FUEL	100%

TOLD					
	Takeoff	Target	Joker	Bingo	Land
FUEL	13047			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)	14000	
2	IP		7000	
3	NEW MEXICO E	N36 49 W115 40	7000	
4	T64.14	N36 49.243 W115 37.263	3048	
5	NIXON	LSV 292/30 (N36 32.010 W115 32.250)	15000	
6	STRYK	LSV 282/26 (N36 25.620 W115 30.700)	10000	
7	LSV	N36 14.680 W115 01.500	3500	

COMMS	
Radio	Usage
1	Chan: 3,4,16,4,3
3	MIDS: A23 / B44

NOTES

IP GRID COORDINATES: 11S PA 11837 72143
Attack HDG: 280 +/-10

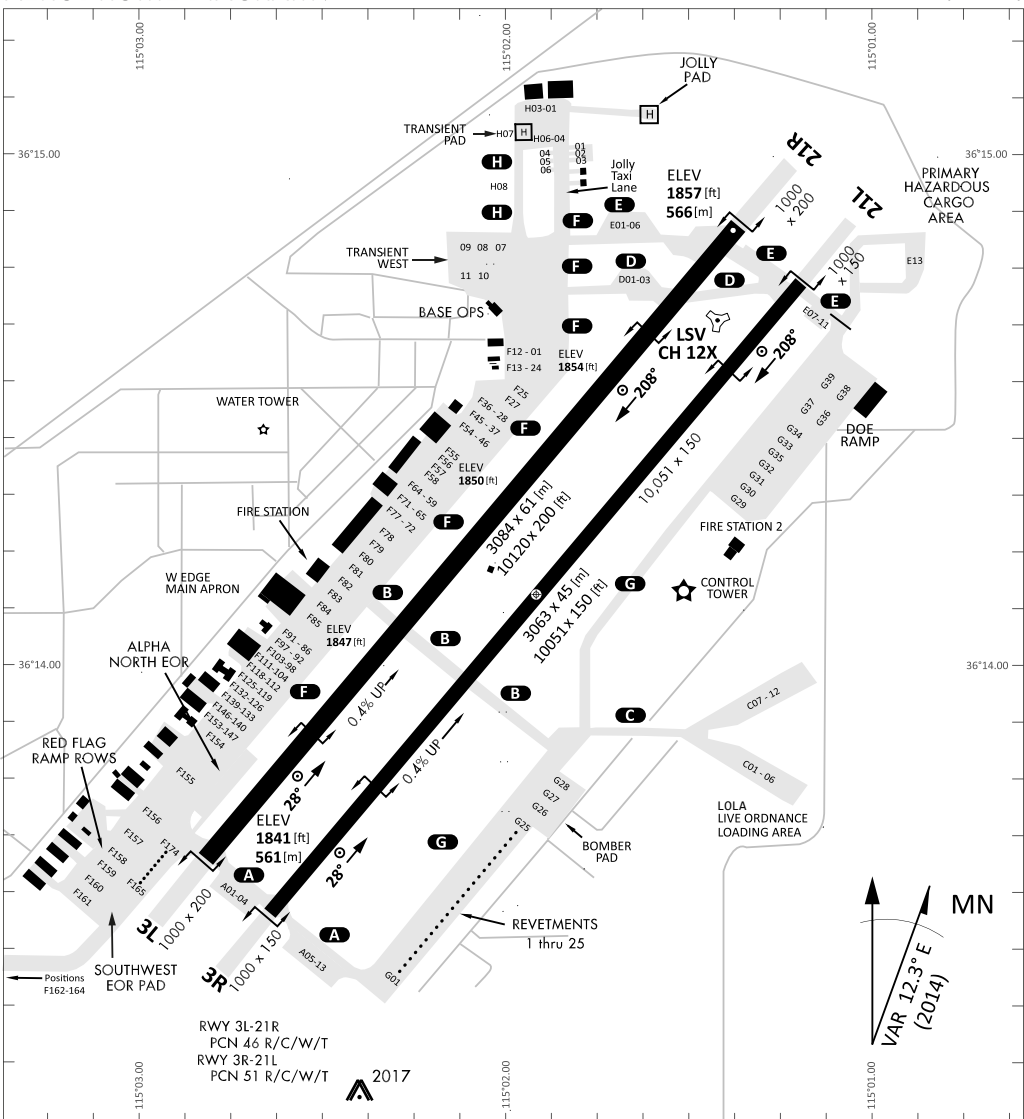
SUPPORT				
Tanker				
Callsign	TCN	Freq	ALT	TAS
ARCO 1	113Y	319.8	FL250	450
	Pos	AR-625: MVA 168/77 (N3717 W11802)		

OTHER FLIGHTS						
Callsign	Mission	Airframe	Freq	TCN	GrpId	Laser
Vanguard 1	Training	1x AV-8B N/A	264.55	21/84		168X
	AO	R-61	Task	Bombing Training		
Edelweiss 6	Training	3x A-10C	134.65	21/84	40	166X
	AO	R66 and Area SW of FYTTR	Task	Formation Procedures Day		
Tiger 1	Training	4x F/A-18C	261.15	11/74	1	155X
	AO	Tonopah Airfield	Task	SLAM Attack on parking Planes		
Raptor 1	Training	4x F-16C	261.25	21/84		156X
	AO	BFM Range	Task	BFM training with Cougars		
Tiger 2	Training	4x F/A-18C	261.15	11/74	1	155X
	AO	Tonopah Airfield	Task	SLAM Attack on parking Planes		

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	
S	U	B	J	E	C	T	I	O	N	
KTC 1400 C										
	0	1	2	3	4	5	6	7	8	9
A	QDYC	PUA	TXH	WN	OR	IKJ	FG	SM	EV	LB
B	KJUD	BHA	NMX	YP	WG	LRC	QT	OI	SF	EV
C	NKDH	AOS	XUJ	QI	ET	RFB	LG	CY	PW	MV
D	DUXY	JBS	EFO	QM	HR	TIN	CG	LP	WA	VK
E	ICGX	RSF	EBQ	VH	DK	UYP	TL	MO	NA	JW
F	UOTS	DCG	FRJ	KN	QW	HYE	IX	PB	MA	VL
G	BWXN	DJM	HKL	CT	YV	SOF	EI	AP	QR	GU
H	DXNY	HOM	VEJ	UW	CT	SIR	AQ	LF	PG	BK
I	LRKB	QYM	NJA	XO	CD	FIE	UT	GS	PH	VW
J	RADU	MHT	GBS	NX	KE	IVL	QJ	FY	CO	WP
K	KTHB	IWO	VJU	QF	CG	DYX	RP	LE	AM	NS
L	SJLV	GPR	MNW	UD	EY	FIA	QH	XC	OT	KB
M	YJVU	CID	AQO	LK	MF	PWX	BE	SG	NT	HR
N	DLUV	NWF	GIB	CP	SO	ETQ	XK	AM	RJ	YH
O	MQOV	XPK	AGI	ED	BY	WTU	HL	SN	RF	CJ
P	DTOW	UYH	KMC	FP	QS	XIJ	EG	VR	AN	LB
Q	MVBK	FED	NCH	WP	AY	GUX	JT	OS	RQ	IL
R	DHJG	EVW	RMS	CK	TX	PIQ	BL	UA	NY	OF
S	XJEL	QMR	PVC	OG	KN	FBA	TI	WD	SH	YU
T	RFHU	SXQ	LPI	MN	DT	JCA	VG	YK	EO	WB
U	GNKF	BUQ	XRD	TM	VY	PCL	WS	EA	HI	OJ
V	GBSV	TUI	XOK	YA	RM	WQC	FH	ND	LJ	EP
W	PSGN	REQ	COX	TV	IW	HMU	JK	BD	FL	YA
X	DAQC	OER	FIJ	KL	NU	VPX	SM	TY	GW	BH
Y	AELJ	SGM	WHQ	CD	FB	YPV	XO	NK	UI	TR

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	RWY	CAT	MINIMA				
	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

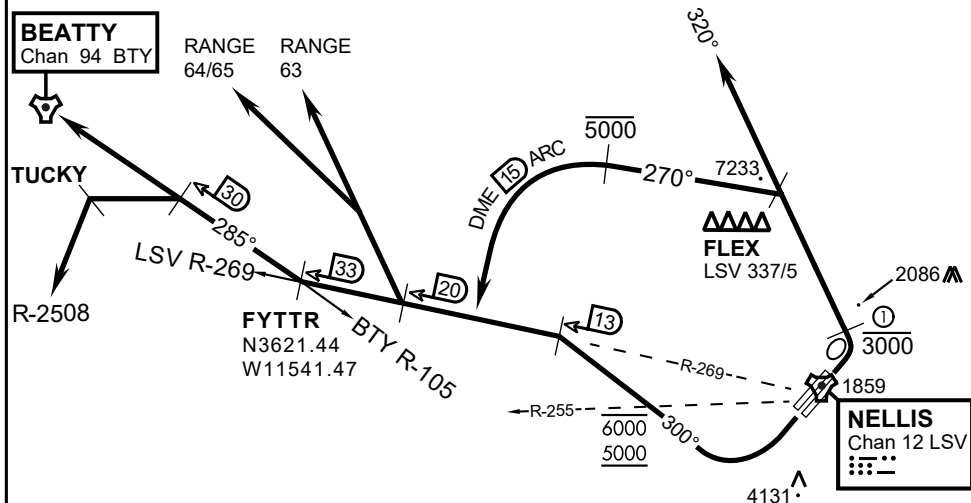
ATIS
 270.100
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 275.800
 NELLIS TOWER
 327.000
 NELLIS CONTROL
 317.525
 NELLIS DEP/APP EAST
 384.400
 BLACKJACK
 377.800

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

VMC ONLY

PILOT RESPONSIBLE FOR TERRAIN AVOIDANCE

① 4 NM from RWY 3L/R



DEPARTURE ROUTE DESCRIPTION

TAKEOFF RWY 3L/R:

- Remain below 3,000' MSL until north of Race Track and turned westbound.
- Turn left within 4NM of Nellis direct FLEX. Fly north of FLEX and turn left heading 270°.
- Intercept LSV 15 DME ARC at or below 5,000' MSL.
- ARC south, intercept LSV R-269 outbound. Maintain VFR.

TAKEOFF RWY 21L/21R:

- Follow Noise Abatement Procedures.
- Fly runway heading until past Golf Course, turn right heading 300°.
- Cross LSV R-255 between 5,000' and 6,000' , intercept and proceed outbound on the LSV R-269. Recommend climb to 8,500' MSL or appropriate VFR altitude for overflight of North Las Vegas Training Area. Fly routing for appr. mission/transition.

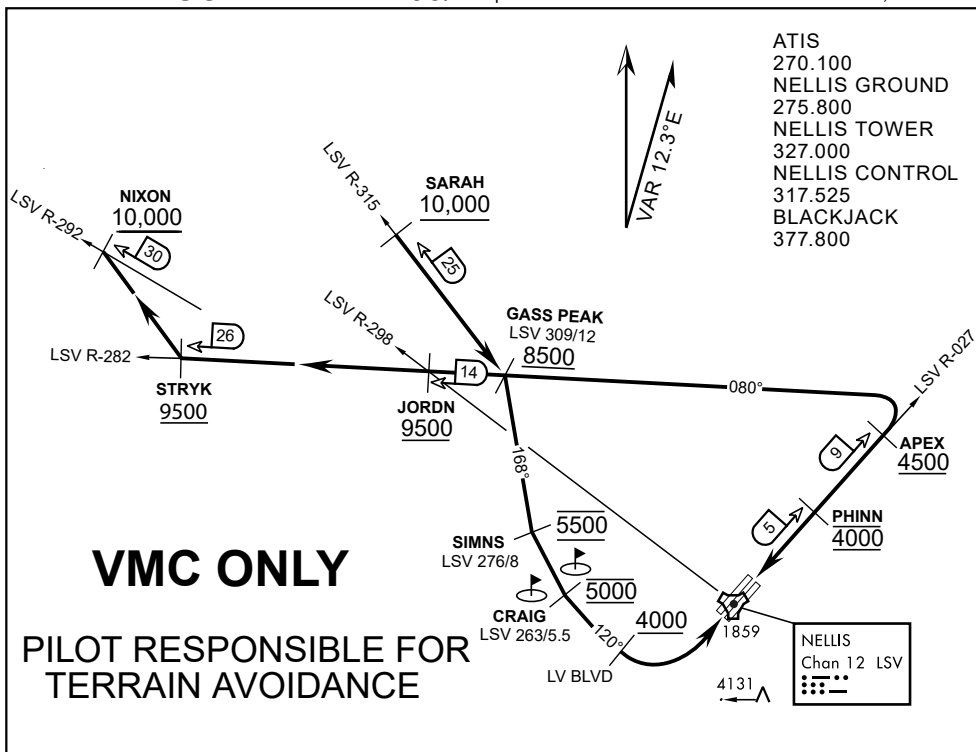
TRANSITIONS:

R-4806: Turn right at the LSV 269/20 direct to assigned ranges.

BEATTY: Turn right at FYTTR direct BTY via the BTY R-105

R-2508: Turn right at the FYTTR, intercept the BTY 105/30, direct TUCKY, then direct R-2508

FYTTR DEPARTURE AND TRANSITIONS (FYTTR LOW)



APPROACH ROUTE DESCRIPTION

APPROACH RWY 3L/R

Cross STRYK at or above 9,500' MSL, proceed direct GASS PEAK. Cross JORDN at or above 9,500' MSL, cross GASS PEAK at or above 8,500' MSL. Proceed direct SIMNS and cross at 5,500' MSL. Cross Las Vegas Blvd at or above 4,000' MSL then to 3,500' MSL for Initial. Remain within 4 DME if LSV on turn to final.

VFR STRAIGHT-IN RWY 3L/R

Depart CRAIG & descend to be at 3,000' MSL by Las Vegas Blvd. Do not descend below 3,000' MSL until within 5 DME of LSV or 4 NM of the runway on turn to final.

APPROACH RWY 21L/R

Cross STRYK at or above 9,500' MSL, proceed direct GASS PEAK. Cross JORDN at or above 9,500' MSL, cross GASS PEAK at or above 8,500' MSL. Cross APEX at or above 4,500' MSL then direct 5NM initial. Descend to cross PHINN at 4,000' MSL, Inside 5 NM descend to 3,500' MSL.

VFR STRAIGHT-IN RWY 21L/R

Cross APEX at 4,000' MSL. Descend to be at 3,000' MSL at PHINN. Descend to 3,000' MSL at LSV 027/5.

RANGE 63B EXIT

SOUTH: Via NIXON at or above 10,000' MSL, then direct STRYK.

EAST: Via SARAH at or above 10,000' MSL, then direct GASS PEAK.



INDIAN SPRINGS, NEVADA

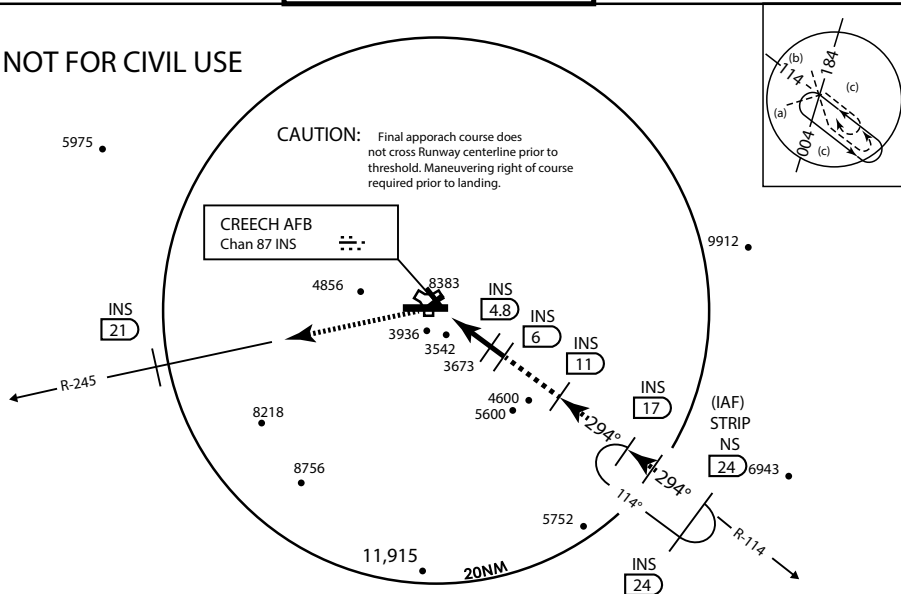
TACAN INS Chan 87	APCH CRS 294 °	Rwy Idg TDZE Arpt Elev	9002 3133 3113
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INDIAN SPRINGS AF AUX (KINS)

	* MISSED APPROACH: Direct INS then outbound INS t8-2#DME climbing to 10,000.
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NELLIS CON -	INDIAN SPRINGS TOWER 118.30 1360.60	GND CON -
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NOT FOR CIVIL USE

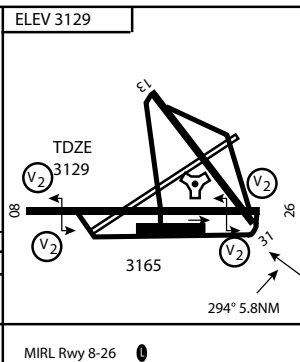
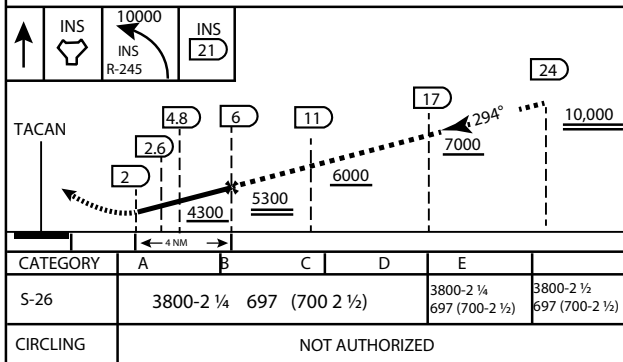


* CAUTION: Missed Approach Climb Rate to 4,700

Knots	60	120	180	240	300	360
V/V (fpm)	450	900	1350	1800	2250	2700

Controlling Obstacle 3936

EMERG SAFE ALT 100 NM 14,000



CITY OF INDIAN, NEVADA

INDIAN SPRINGS AF AUX (KINS)

Modified by vJaBoG 66 for use with DCS
NOT FOR REAL LIFE NAVIGATION

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