

MISSION DATA CARD							
OPORD		Callsign		Mission		Date/Time	
2132/2023		Raptor 1		Training		112030SEP23	
Task	Mav + TGP					Freq	
AO	R61					134.0	
Departure			Recovery				
FYTTR LOW			STRYK				
#	Callsign	Pilot		IFF	TCN	LSR	NET
-1	Raptor 1-1	Woodman		1611	21Y	1561	
-2	Raptor 1-2	Hercules		1612	84Y	1562	
-3	Raptor 1-3	Void		1613	84X	1563	
-4	Raptor 1-4	Butcher		1614	21X	1564	

LOADOUT			
A/A	2xA9L	GUN	100% SAPHEI
A/G	6xA65D	CHF	60
POD	TGP	FLR	60
TKS	2xFT300	FUEL	100%

TOLD					
	Takeoff	Target	Joker	Bingo	Land
FUEL	11169				

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	DREAM	LAS 354/66 BLD 342/71 (N37 10.340 W114 59.530)	20000	
2	TROUTT	LSV 323/63 (N37 17 W115 07.050)	20000	
3	T61.01	N37 09.575 W115 25.575	3822	
4	T61.03	N37 09.087 W115 23.513	3778	
5	SARAH	LSV 315/25 (N36 36.450 W115 18.030)	12000	
6	GASS PEAK	LSV 309/12 (N36 24.140 W115 10.660)	10000	
7	Nellis	N36 14.680 W115 01.500	1800	

SUPPORT				
Tanker				
Callsign	TCN	Freq	ALT	TAS
TEXACO 2	95Y	289.7	FL220	420
	Pos	Pegasus.1: CDC 166/102 (N3730 W11440)		

OTHER FLIGHTS						
Callsign	Mission	Airframe	Freq	TCN	Grpld	Laser
Tiger 2	Training	4x F/A-18C	263.45	11/74		155X
	AO	Reveille North	Task	Training		
Tiger 5	Training	4x F/A-18C	265.45	11/74		155X
	AO	Reveille North	Task	Training		
Tiger 7	Training	4x F/A-18C	265.45	11/74		155X
	AO	Reveille North	Task	Training		
Monster 1	Training	4x A-10C	132.15	25/88	21	161X
	AO	Range 64	Task	Lasertraining		
T-Rex 2	Training	4x A-10C	132.25	27/90	25	165X
	AO	Range 64	Task	Lasertraining		
Edelweiss 6	Training	1x A-10C	134.65	21/84	40	166X
	AO		Task	BJT		
Rattler 3	Training	4x AH-64D	133.5	21/84		125X
	AO	LATNC	Task			
Cougar 1	Training	4x F-15E	261.25	21/84		156X
	AO		Task	AAR 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	
D	E	B	A	U	C	H	I	N	G	
KTC 1400 C										
	0	1	2	3	4	5	6	7	8	9
A	CNBT	SEJ	OVG	UD	RX	MAP	LQ	FH	KY	IW
B	FMNA	EPS	CQX	UY	LJ	IHG	WO	DT	VB	RK
C	QTIC	KLE	VJA	RB	ON	YFX	DW	PG	HU	SM
D	JAPR	UQM	WKB	YL	EN	FSV	TO	DC	GI	XH
E	JQMX	FCE	BVD	OT	RH	ILN	AU	YW	KG	SP
F	JWMU	EAK	CPF	RO	SG	LVN	BQ	HT	IY	DX
G	WQNP	CKS	BTf	OU	VH	LRM	JE	GD	AY	IX
H	SRKT	IDJ	YQL	WP	FV	MOU	BE	GH	XN	CA
I	WPUS	QHR	NVL	BX	IK	EFD	TO	CA	YM	GJ
J	IVCY	KSO	WJM	AQ	NX	BTG	EH	RU	PL	FD
K	WQXI	LPO	MDG	EF	VH	NAY	RS	BK	JU	CT
L	MWJL	EHA	XGO	RN	FT	VCK	QP	SI	BU	YD
M	PRKX	UBG	WDL	JH	IC	MQT	SE	YF	OV	AN
N	DYQS	FPH	UCI	GT	WE	LNJ	AM	VX	KB	RO
O	GKSA	WPL	CJI	TE	QM	XNB	FR	DV	HY	UO
P	CRDA	OVF	LYB	WM	NE	UQK	TH	PX	IJ	SG
Q	RWMS	NCP	TKE	JF	LG	AVU	BO	HX	QI	YD
R	TSBI	OKM	XYW	QD	NP	JGL	EC	HR	AU	FV
S	ICVO	GJR	XFT	PW	SB	KLH	NA	DM	UQ	YE
T	NMKX	RST	CYV	IJ	WA	EQF	DL	UG	OB	PH
U	WNDG	CAS	RFL	IV	TQ	KHU	PB	YX	EM	JO
V	SYVO	MFR	CPQ	NA	JW	KHL	TE	DB	UG	XI
W	HNJI	AYO	UDV	TE	FG	PSC	QK	XM	LW	BR
X	KBUS	NPF	EXC	RM	GV	WDI	AY	JL	OH	QT
Y	EPHL	WAV	SNR	TG	UD	JKM	XO	IC	BQ	FY

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	

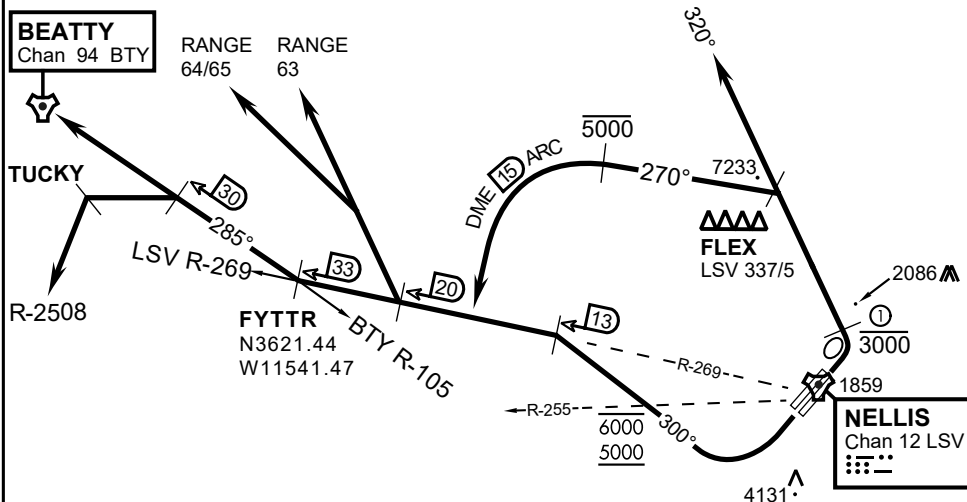
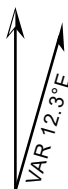
ATIS
 270.100
 NELLIS GROUND
 275.800
 NELLIS TOWER
 327.000
 NELLIS CONTROL
 317.525
 NELLIS DEP/APP EAST
 384.400
 BLACKJACK
 377.800

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 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.
- 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 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

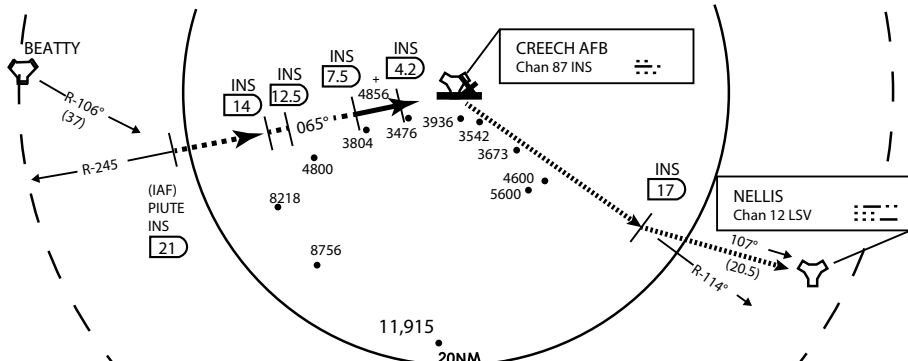
NOT FOR CIVIL USE

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



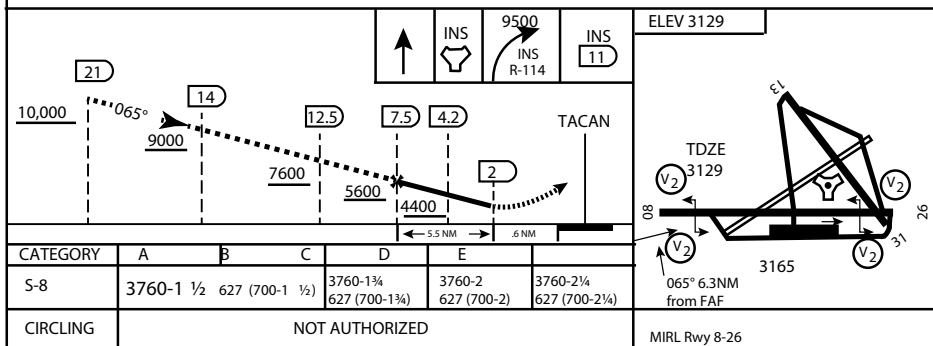
* CAUTION: Missed Approach Climb Rate to 4,700

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



