

MISSION DATA CARD						
OPORD		Callsign	Mission	Date/Time		
2105/2023		Raptor 1	Training	072000SEP23		
Task	Mav + TGP					Freq
AO	R61					134.0
Departure			Recovery			
FYTTR LOW			STRYK			
#	Callsign	Pilot	IFF	TCN	LSR	NET
-1	Raptor 1-1	Cyking	1611	21Y	1561	
-2	Raptor 1-2	Void	1612	84Y	1562	
-3	Raptor 1-3	Woodman	1613	84X	1563	

LOADOUT			
A/A	2xA9L	GUN	100% HEI-T
A/G	4xA65H	CHF	60
POD	HTS, A131, 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
Vanguard 1	Training	1x AV-8B N/A	264.55	21/84		167X
AO		Task				
Tiger 1	Training	4x F/A-18C	261.15	11/74	1	155X
AO	Lincoln Airfield	Task	Deep Strike			
Nazgul*	Training	4x F-15E	261.25	21/84		156X
AO		Task	IFR Navigation und ILS Wiederholung			
Monster 1	Training	4x A-10C	132.15	25/88	21	161X
AO	Range 62	Task	Maverick & bombs			
Edelweiss 6	Training	2x A-10C	134.65	21/84	40	166X
AO		Task	BJT			
BamBam 2	Training	2x AH-64D	133.5	21/84		156X
AO	LATNC	Task				
Tiger 2	Training	4x F/A-18C	261.15	11/74	1	155X
AO	Lincoln Airfield	Task	Deep Strike			
Lion	Training	1x A-10C	261.45	41/104		158X
AO		Task				

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	
P	L	A	S	T	E	R	I	N	G	
KTC 1400 C										
	0	1	2	3	4	5	6	7	8	9
A	PJTX	BMU	AYD	FH	GR	CKW	OQ	VL	IN	ES
B	BSRK	UAM	TWX	LG	PN	FCE	QJ	OH	ID	VY
C	WFIG	CBH	TYS	UD	OE	MVX	JK	AN	LQ	PR
D	ENQL	OKJ	VBP	YH	UA	FXC	GM	SR	WD	TI
E	AVWM	OHP	RJX	GQ	CS	TUB	KY	FN	LE	DI
F	ULAR	VJN	YWS	MD	TP	COG	BX	KI	QE	HF
G	NRUF	EYB	VGX	WC	LQ	ODH	KP	TM	AI	SJ
H	HPBI	KST	YOM	ED	WQ	NXL	AU	GJ	RC	FV
I	UGEK	QFP	IWD	VO	AN	BCH	JL	XM	YR	TS
J	GSXK	HAU	YFW	QL	EV	NIP	JD	MC	TO	BR
K	BCOM	VYW	UQS	NA	JD	EFH	LK	XI	TP	RG
L	AHWR	MLK	TQC	FU	BJ	EPD	VO	YX	IN	GS
M	LIKX	AGS	BYR	WQ	UC	EOJ	TN	HP	FV	DM
N	FBJI	WVL	NUQ	RY	CS	OTP	GD	EA	XH	MK
O	JIYL	KQX	CTR	BO	AU	DWE	NM	PS	GF	HV
P	ACEX	KLQ	TIJ	DS	PN	OGH	VR	WM	BU	FY
Q	FLXK	WCY	VIN	GH	EA	RJS	OU	QT	BM	PD
R	JLCU	OST	ARD	YW	IV	KPQ	FG	NB	EM	XH
S	LQVY	GWM	SRN	FI	KA	EDP	BU	HX	CJ	TO
T	MKXC	SIO	YUE	FR	LP	VNT	WJ	QB	GH	AD
U	LPCJ	AHR	EUQ	TD	OV	KBW	XS	FN	MG	IY
V	POLF	UXV	GYI	HT	JN	RWK	ME	BA	CQ	DS
W	TRYW	DHG	PNA	BM	UK	ECV	JF	OQ	LI	XS
X	FGQI	WOH	VMR	PY	JE	CXS	BL	DN	TA	KU
Y	UMID	GXF	NHE	CV	LY	BRK	OT	QW	SJ	AP

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



	RWY	CAT	MINIMA	ARP 36° 14.060' N 115° 01.058' W	ELEV 1857 [ft] 566 [m]	Scale 1:35'500					
PAR	21L 3R	A B D E A B D E	2057 - 0.8 200 (200-0.8/1.6) GS 3° 2057 - 0.8 200 (200-0.8/1.6) GS 3°			0 0	300 1000	600 2000	900 3000	1200 4000	1500 [m] 5000 [ft]
SRA	21R 3L	A C D E A C D E	2257 - 1.2 350 (350-1.2/1.6) 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

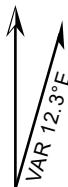
ATIS
 270.100
 NELLIS GROUND
 275.800
 NELLIS TOWER
 327.000
 NELLIS CONTROL
 317.525
 NELLIS DEP/APP EAST
 384.400
 BLACKJACK
 377.800

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

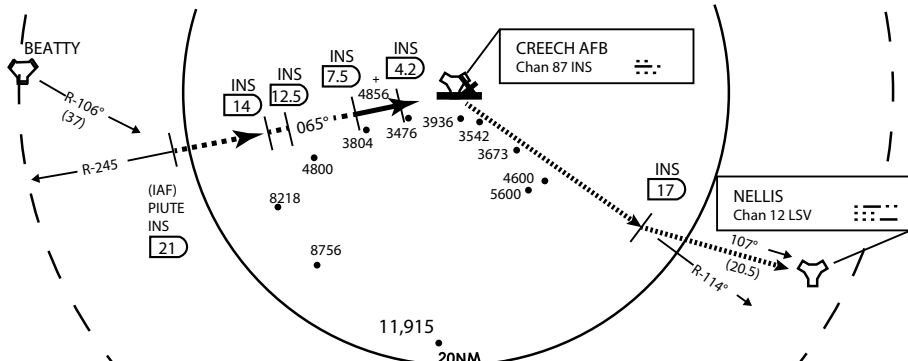
NOT FOR CIVIL USE

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



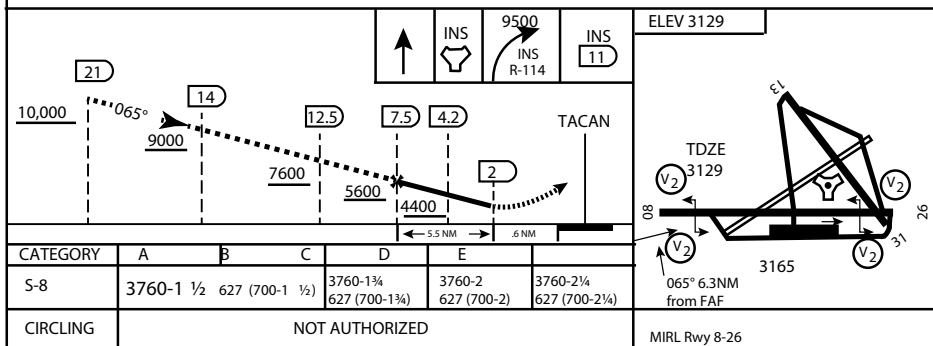
* CAUTION: Missed Approach Climb Rate to 4,700

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





476 vFG JAN 2019

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