

MISSION DATA CARD								
OPORD		Callsign		Mission		Date/Time		
2083/2023		Monster 1		Training		242000AUG23		
Task	AAR + Gun Training					Freq		
AO	R64 + AR-641A					132.15		
Departure				Recovery				
FYTTR LOW				STRYK				
#	Callsign		Pilot		IFF	TCN	LSR	NET
-1	Monster 1-1		G-Rex		1411	25Y	1611	21/01
-2	Monster 1-2		Toolface		1412	88Y	1612	21/02

LOADOUT			
A/A	A9M		GUN 100% CM
A/G	7M282L		CHF 0
POD	A184, TGP		FLR 480
TKS			FUEL 50%

TOLD					
	Takeoff	Target	Joker	Bingo	Land
FUEL	5543				

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	FLEX1	LSV 337/5 (N36 18.620 W115 02.360)		
2	FYTTR1	LSV 269/33 (N36 21.440 W115 41.470)	11000	
3	AR641A.11	N37 28 W114 39	17000	
4	R64 W Circle1	INS 354/6 (N36 40.900 W115 40.400)		
5	STRYK1	LSV 282/26 (N36 25.620 W115 30.700)	9500	
6	Nellis1	N36 14.680 W115 01.500		

COMMS	
Radio	Usage
1	132.15
2	11 - 3 - 4 - 16 - 11 - 4 - 3
3	32.00

SUPPORT				
Tanker				
Callsign	TCN	Freq	ALT	TAS
TEXACO 1	94Y	265.0	17000	290
	Pos	AR-641A: CDC 242/78 (N3728 W11439)		

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		
Tiger 1	Training	4x F/A-18C	261.15	11/74	1	155X
	AO	Range 71.07	Task	CCIP Bomb-Training		
Nazgul* 6	Training	4x F-15E	261.25	21/84		156X
	AO	North war	Task	Formation 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

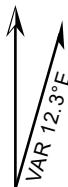
ATIS
 270.100
 NELLIS GROUND
 275.800
 NELLIS TOWER
 327.000
 NELLIS CONTROL
 317.525
 NELLIS DEP/APP EAST
 384.400
 BLACKJACK
 377.800

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

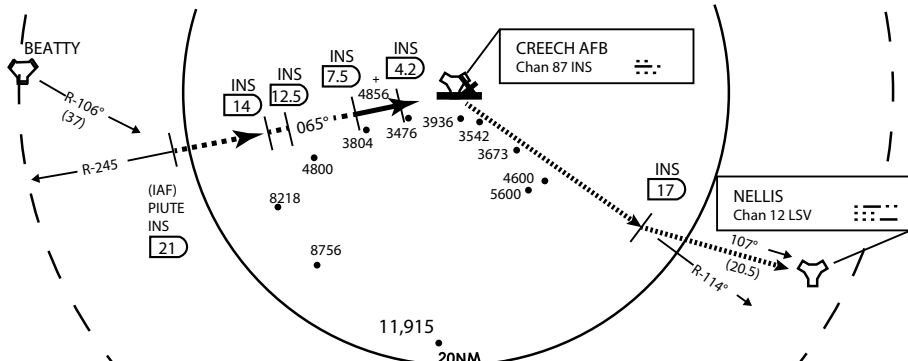
NOT FOR CIVIL USE

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



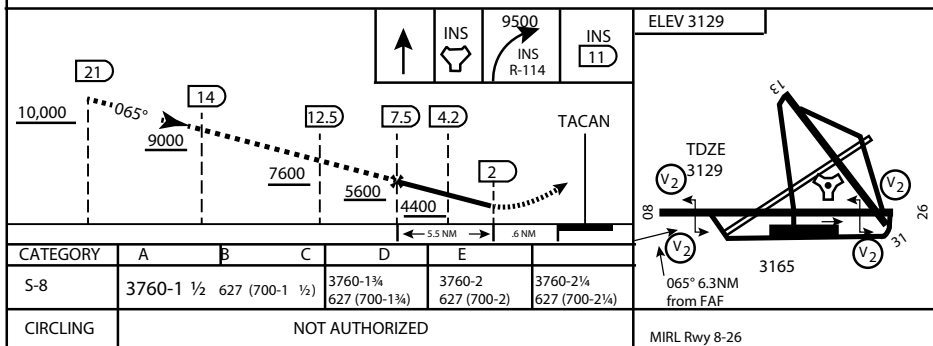
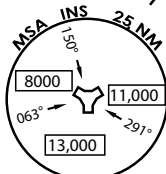
* CAUTION: Missed Approach Climb Rate to 4,700

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)



