

MISSION DATA CARD								
OPORD		Callsign		Mission		Date/Time		
832/2022		Cougar 1		Training		262359APR22		
Task	JTAC CAS Training						Freq	
AO	Range 64						131.5	
Departure				Recovery				
FYTTR THREE				STRYK				
#	Callsign		Pilot		IFF	TCN	LSR	NET
-1	Cougar 1-1		Hercules		1111	27Y	1661	25/01

LOADOUT			
A/A			GUN
A/G			CHF
POD			FLR
TKS			FUEL

TOLD					
	Takeoff	Target	Joker	Bingo	Land
FUEL	7163				

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	APEX	LSV 027/09 (N36 21.580 W114 54.340)		
2	Dry Lake	LSV 017/15 (N36 27.680 W114 52.210)		
3	ARCOE	LSV 357/30 (N36 44.260 W114 55.020)	15000	
4	Range 64A	N36 55.505 W115 38.050	14000	
5	STRYK	LSV 282/26 (N36 25.620 W115 30.700)	11000	
6	GASS PEAK	LSV 309/12 (N36 24.140 W115 10.660)	8500	
7	APEX	LSV 027/09 (N36 21.580 W114 54.340)		
8	SIMNS	LSV 276/8 (N36 17.340 W115 10.750)	14000	
9	CRAIG	LSV 263/5.5 (N36 15.250 W115 08.270)	14000	

COMMS	
Radio	Usage
1	131.50
2	11-3-4-16-234.250-11-4-3
3	34.50

NOTES

JTAC Nasty

OTHER FLIGHTS						
Callsign	Mission	Airframe	Freq	TCN	Grpld	Laser
Fury 2	Training	1x JF-17	261.25	21/84		156X
	AO	R64	Task	CAS Training		
T-Rex	Training	1x A-10C	132.25	27/90	25	165X
	AO	R64	Task	CAS		

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	
C	L	A	M	P	D	O	W	N	S	
KTC 1400 C										
	0	1	2	3	4	5	6	7	8	9
A	PMJE	LYB	XTC	FW	SG	ROI	AU	QH	ND	KV
B	EXID	ULO	VYT	JM	KP	BCA	WQ	HR	GS	NF
C	OSBJ	CIU	XTQ	PW	AL	NFV	HG	RE	KM	DY
D	HUWC	KXT	VED	YL	QB	IRJ	NO	PM	AS	GF
E	FJCN	XGR	DVO	HP	BK	LEM	TQ	UY	SA	IW
F	RCUG	SHY	VBK	IN	JA	MXT	EQ	DW	PL	FO
G	HNCE	UQY	PDG	MV	RL	KFX	SW	BO	JA	IT
H	GDUJ	TRF	XKY	MC	QE	SVL	AI	OP	HB	WN
I	IQJC	GML	TUO	BA	RX	FDH	SP	EV	WN	KY
J	KMGR	USA	COP	JX	FD	TVY	LB	WE	NQ	IH
K	YTUX	FDP	ILS	GW	QH	OKB	CJ	MR	AN	VE
L	XWJQ	COA	LIT	UN	HD	REB	PS	FK	MY	GV
M	PMFO	LKS	UEI	CW	YT	QNB	GJ	HV	XR	AD
N	KVQO	EGC	NFW	TU	RH	JAL	IS	BM	DP	YX
O	MADY	THB	LKX	NW	QP	CUO	SJ	IF	RG	VE
P	GYRP	NAJ	OEK	FL	WD	CXS	TI	HQ	VM	UB
Q	CLDE	AYN	VRQ	US	OG	HIK	WJ	PT	BX	MF
R	OCSQ	PLV	FAJ	BE	DK	TXW	RI	UG	HY	NM
S	EAYH	LSV	UGO	QW	BP	DJT	FM	RN	KI	CX
T	YSNM	ABL	IKJ	WD	QR	OFE	XC	UP	HV	TG
U	CJKX	AIR	HOP	NY	EU	GWM	SD	BV	LF	QT
V	JAQX	WVR	NUS	KD	OC	HTL	FB	ME	GY	PI
W	BSOM	HDL	EXC	UN	VQ	IRJ	YW	FT	KA	GP
X	LJAT	OUC	QIW	EV	HB	GSK	FX	RM	YP	ND
Y	UOIC	FMD	EPA	JG	VR	TYW	KH	BX	LN	QS

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	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°		1857 [ft]	030060090012001500 [m]							
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)		566 [m]	010002000300040005000 [ft]							
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

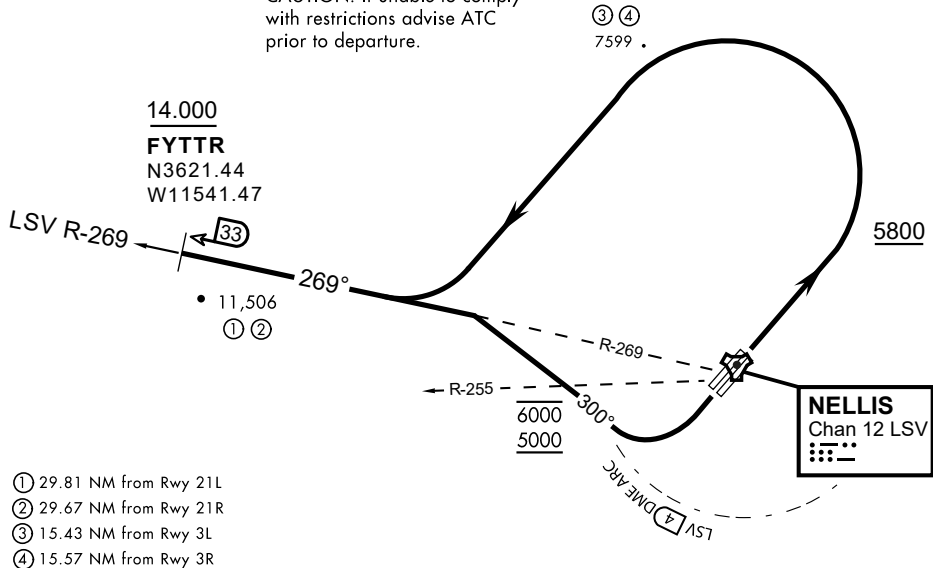
ATIS
270.100
NELLIS GROUND
275.800
NELLIS TOWER
327.000
NELLIS CONTROL
317.525
NELLIS DEP/APP EAST
384.400
BLACKJACK
377.800



Rwy	Knots	60	120	180	240	300	360
3L ①	V/V(fpm)	394	788	1182	1576	1970	2364
3R ②	V/V(fpm)	392	784	1176	1568	1960	2352
21L ③	V/V(fpm)	388	776	1164	1552	1940	2328
21R ④	V/V(fpm)	390	780	1170	1560	1950	2340

Minimum Climb Rate
① to 9300
③ 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



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.



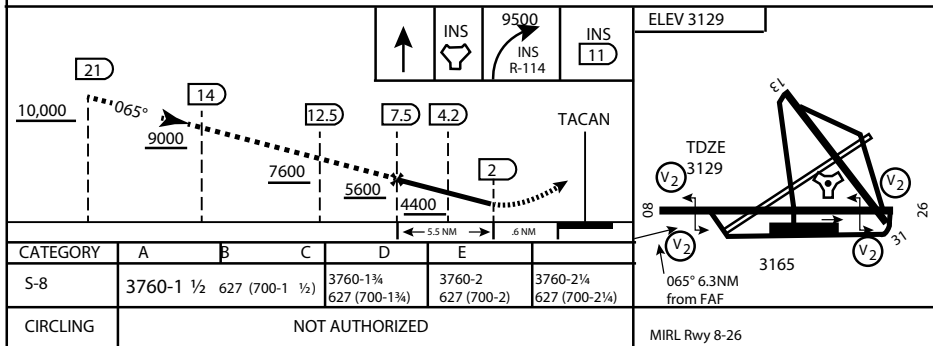
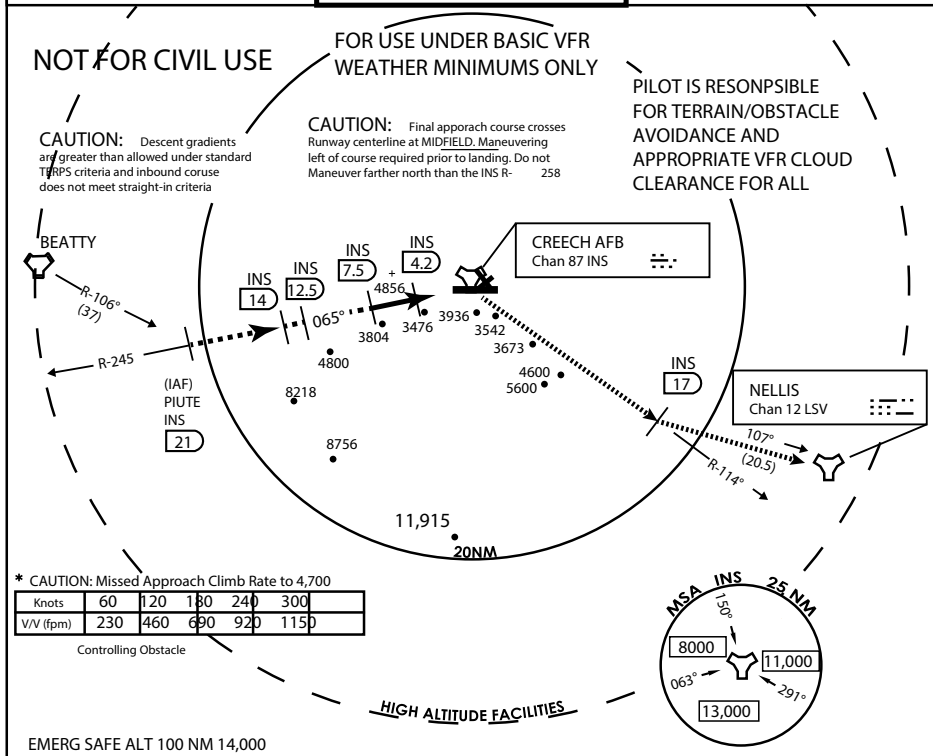
INDIAN SPRINGS, NEVADA

TACAN INS Chan 87	APCH CRS 065 °	Rwy ldg TDZE 3133	3002 3113
		Arpt Elev	3113

INDIAN SPRINGS AF AUX (KINS)

NOT FOR CIVIL USE	* MISSED APPROACH: Straight ahead to INS TACAN, intercept INS R-outbound, cross 17 DME at or above 9500, then direct KSV TACAN	114
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NELLIS CON -	CREECH AFB TOWER 118.30 660.60	GND CON -
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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

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

