

MISSION DATA CARD

OPORD		Callsign		Mission		Date/Time	
3000/2024		Tiger 1		CAS		172000JUN24	
Task	CAS Workshop					Freq	
AO	R64					261.15	
Departure				Recovery			
FYTTR LOW				STRYK			
#	Callsign	Pilot		IFF	TCN	LSR	NET
-1	Tiger 1-1	Kosmoss		1011	1Y	1551	01/01
-2	Tiger 1-2	Ghost		1012	64Y	1552	01/02

LOADOUT

A/A	2xA9X, A120C				GUN	100% HEI-T
A/G	2xG38, 2xG12				CHF	90
POD	TGP				FLR	30
TKS	2xFPU-8A				FUEL	100%

TOLD

	Takeoff	Target	Joker	Bingo	Land
FUEL	15291			3500	2000

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	FLEX	LSV 337/5 (N36 18.620 W115 02.360)	3000	
2	FYTTR	LSV 269/33 (N36 21.440 W115 41.470)	14000	
3	T66.02	N35 34.828 W116 43.436	20000	
4	T64.05	N36 41.284 W115 38.187	20000	
5	STRYK	LSV 282/26 (N36 25.620 W115 30.700)	9500	
6	GASS PEAK	LSV 309/12 (N36 24.140 W115 10.660)	8500	
7	APEX	LSV 027/09 (N36 21.580 W114 54.340)	4500	

COMMS

Radio	Usage
1	11(Atis), 3(NG), 4(NT), 16(BJ), 18(SH), 16(BJ), 4(NT), 3(NG)
2	261.15
3	MIDS A: 22 / B: 44

NOTES

JTAC: Playboy* 7 135.5

Ninja 35.5

SUPPORT**Tanker**

Callsign	TCN	Freq	ALT	TAS
ARCO 1	113Y	319.8	FL250	450
	Pos	AR-625: MVA 168/77 (N3717 W11802)		
SHELL 2	115Y	360.8	FL250	430
	Pos	AR-635: MLF 260/127 (N3831 W11542)		

AWACS

Callsign	Freq	ALT	Pos
MAGIC	377.8	FL270	N3749 W11417 - N3713 W11446

OTHER FLIGHTS

Callsign	Mission	Airframe	Freq	TCN	Grpld	Laser
Ninja* 5	JTAC	2x Ground	35.5	1/64		157X
	AO	R64	Task	Hogs & Hornets		
Playboy* 6	Training	1x Ground	135.25	1/64		170X
	AO	R76	Task	Mudhens		
Nazgul 6	CAS	4x F-15E	262.45	1/64		156X
	AO	R76	Task	CAS Workshop		
Claw 5	Training	4x AH-64D	133.5	1/64		125X
	AO	Range 63	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
S	L	U	M	B	E	R	I	N	G

KTC 1400 C

	0	1	2	3	4	5	6	7	8	9
A	VJLU	KXI	SFC	BM	RH	GAN	OW	TY	PE	DQ
B	FATB	YCD	WHS	RJ	VI	LKO	EG	MX	QU	PN
C	RBIE	OUQ	YKF	XJ	WG	CVL	PT	ND	AM	SH
D	HQJE	VFL	XRD	YT	PB	UCS	OW	GN	KI	AM
E	HUDL	BRT	YJS	FV	CO	GEA	QX	NI	KP	MW
F	FPVN	KRQ	LDM	JS	EB	AXI	GT	CH	YW	OU
G	CUPV	NGB	TAL	IJ	RO	XMQ	KD	HW	FY	SE
H	PFBA	YHQ	XDR	GK	UM	ITL	CW	JS	OV	EN
I	FBRE	QAM	YWS	TG	KD	UPI	HC	VL	NJ	OX
J	KFDV	NPU	EHC	AT	JR	MGX	QB	IL	OS	WY
K	OHXC	TUV	DIQ	NK	FL	SEG	BW	JA	YM	RP
L	KUOH	EYN	MFB	AL	RQ	GIS	VJ	DT	CP	WX
M	YRES	XGQ	AMC	TH	OI	BKL	WP	FN	DU	VJ
N	KPQY	RTD	OUE	NC	VF	JXI	GA	BS	LH	MW
O	JVHT	DBX	PKL	CN	UY	ARS	ME	WO	GQ	IF
P	NWAI	FCE	USK	XD	HR	VBL	QP	OY	TJ	GM
Q	UQWL	XDT	HRJ	CM	SP	YIN	AG	KB	VF	EO
R	JFKV	RPD	NAM	CI	QX	STO	UW	BE	YG	LH
S	YNRM	OUH	JBL	QW	IK	ACG	VD	PS	XE	TF
T	BRAE	KIQ	HMS	FX	UY	GWJ	TP	LN	CD	OV
U	QMEL	GFS	VBA	RY	JC	IDW	OT	XP	HN	KU
V	OQFV	GKB	TAP	HY	CI	LRN	JW	XM	SD	EU
W	PGCR	IXM	WEY	FB	UD	NQT	AO	HS	KL	VJ
X	KAEX	VPS	NBT	CD	GI	FHJ	YL	UQ	RW	OM
Y	BUHP	FSG	DOX	AY	JL	KRC	ME	VI	WN	TQ

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 3L-21R
 PCN 46 R/C/W/T
 RWY 3R-21L
 PCN 51 R/C/W/T
 2017

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 115° 01.058° W	1857 [ft] 566 [m]	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

FYTTR LOW VISUAL OPERATION CHART | VALID 2014

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.



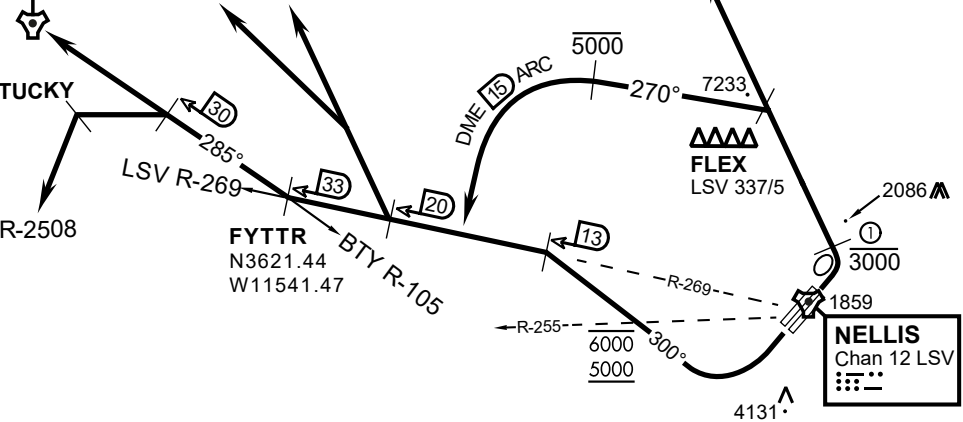
VMC ONLY

PILOT RESPONSIBLE FOR TERRAIN AVOIDANCE

① 4 NM from RWY 3L/R

BEATTY
Chan 94 BTY

RANGE 64/65
RANGE 63



v.1486502 NITTR NAV CHART

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 DME ARC at or below 5,000' MSL.
- ARC south, intercept LSV R-269 outbound. Maintain VFR.

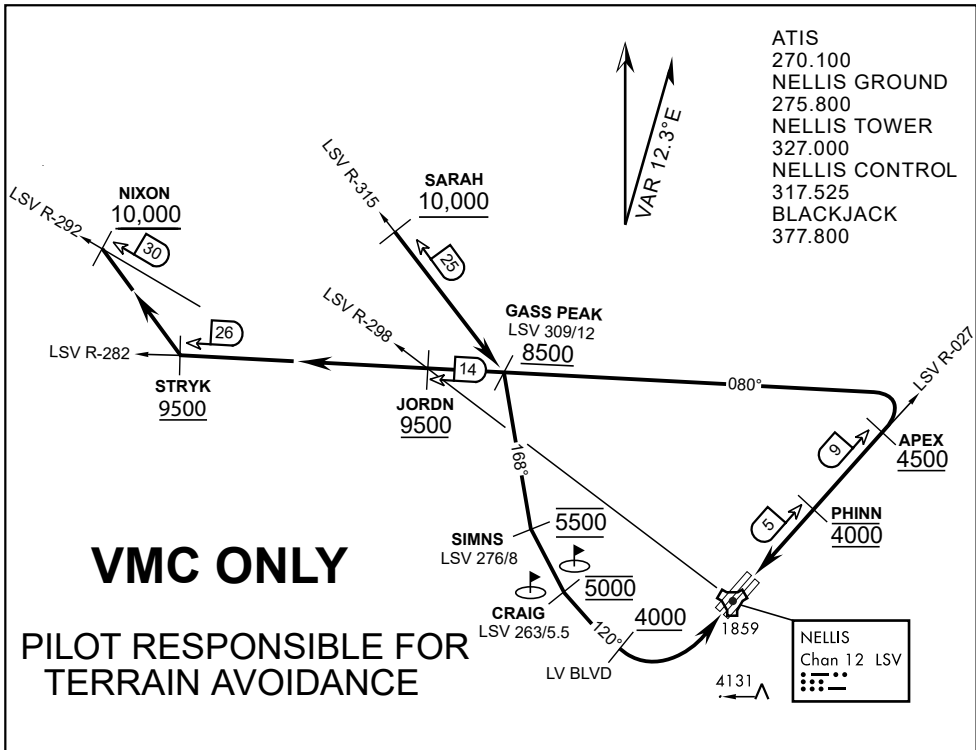
TAKEOFF RWY 21L/21R:

- 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 065°	Rwy ldg TDZE 3133	9002 3113
		Arpt Elev 3113	

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 60.60

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

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

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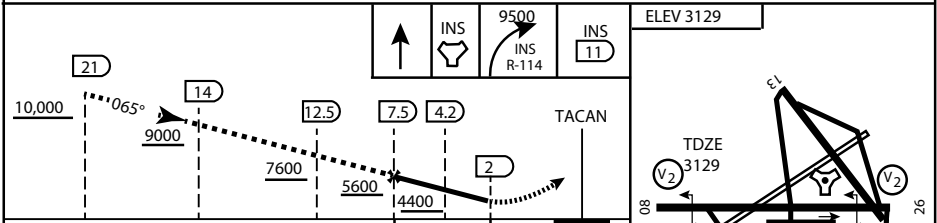
* CAUTION: Missed Approach Climb Rate to 4,700

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



CATEGORY	A	B	C	D	E
S-8	3760-1 1/2	627 (700-1 1/2)	3760-1 3/4 627 (700-1 3/4)	3760-2 627 (700-2)	3760-2 1/4 627 (700-2 1/4)
CIRCLING	NOT AUTHORIZED				

MIRL Rwy 8-26

CITY OF INDIAN, NEVADA

INDIAN SPRINGS AF AUX (KINS)

(FOR DAY VFR USE ONLY)



AIRPORT DIAGRAM

ATIS
122.5
CREECH TOWER
118.4 360.7 38.65
GND CON
118.3 275.8
CLNC DEL

115°42'W

FIELD
ELEV
3127

80

972 X 150

HOT
CARGO
PAD

BAK-12

VAR 12.5° E

WEST
EOR

115°41'W

476 vFG JAN 2019

476 vFG JAN 2019

CONTROL
TOWER
BASE
OPS

RPA LOLA
WEST

RPA LOLA
EAST

LOLA /
HUNG
ORDNANCE

199 X 100
ELEV
3127

RUNWAY
31/13
MQ/RQ-1
ONLY

9002 X 150

258.5°

860 X 100

313.8°

4064 X 100

BAK-12

ELEV
3127

115°40'W

EAST
EOR

1030 X 150

26

AIRPORT DIAGRAM