

MISSION DATA CARD								
OPORD		Callsign		Mission		Date/Time		
1055/2022		Lion 1		Training		192359JUL22		
Task	Rang 64						Freq	
AO							261.45	
Departure				Recovery				
FYTTR LOW				STRYK				
#	Callsign		Pilot		IFF	TCN	LSR	NET
-1	Lion 1-1		Hercules		1311	41Y	1581	

LOADOUT							
A/A	2xA120C, 2xA9X					GUN	100% HEI-T
A/G	4xA65D					CHF	60
POD	HTS, TGP					FLR	60
TKS	FT300					FUEL	100%

TOLD							
		Takeoff	Target	Joker	Bingo	Land	
FUEL		9166					

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

FLIGHTPLAN				
#	Name	Navaid/Coords/DME	ALT	TOT
1	Nellis	N36 14.680 W115 01.500	1841	
2	FYTTR	LSV 269/33 (N36 21.440 W115 41.470)	14000	
3	T64.10	N36 54.181 W115 36.857	3370	
4	STRYK	LSV 282/26 (N36 25.620 W115 30.700)	9500	
5	Nellis	N36 14.680 W115 01.500	1841	

SUPPORT			
AWACS			
Callsign	Freq	ALT	Pos
MAGiC	377.8	FL270	N3749 W11417 - N3713 W11446

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	P	H	E	R	O	I	D	A	L	
KTC 1400 C										
	0	1	2	3	4	5	6	7	8	9
A	IHKN	BOD	CEL	AR	TP	MJQ	GU	YF	WS	XV
B	LITV	HXE	MYQ	KC	SN	WBR	FP	JG	AO	UD
C	PFKB	MHA	IYC	LD	NT	XVS	GO	QW	UJ	RE
D	FATB	EKY	DGR	XU	LQ	MOH	SW	NC	VP	JI
E	HXME	UVQ	GWD	TP	JI	NRS	AB	FC	YK	LO
F	JOAF	MQI	BYD	XP	CV	KTN	WG	RS	EU	HL
G	AJKH	NUS	POQ	FW	IL	YVD	EG	MC	TB	XR
H	GVYU	HAB	QFL	TX	MC	KRO	NP	WJ	EI	SD
I	NDLP	RUQ	SBJ	YG	XF	HVK	CO	EI	TA	WM
J	HFQK	NMT	PYW	JI	LO	BGA	CV	DU	ER	SX
K	LBSQ	CWM	IPD	TE	XH	FUG	VY	AN	OJ	KR
L	LYWA	CIH	BXK	UG	FV	PMJ	DT	QE	RS	ON
M	KDXQ	JHN	BGV	YO	AL	ECM	FT	UP	RI	WS
N	OUWA	CJK	RQX	VH	NP	BIG	SE	DY	LT	FM
O	MION	RFG	LJT	UP	YS	CBW	AH	EV	QK	DX
P	FLUB	GOD	VEY	PT	NR	WIA	KM	QX	SC	HJ
Q	NDWO	MQC	ARE	XF	JP	LGK	YT	VU	HB	IS
R	LRKO	SAW	QXV	MD	NE	YPT	GC	BU	IF	JH
S	QKMG	VLP	FUX	ER	SI	BYW	HA	CJ	DO	NT
T	DCQO	WTY	JKX	HU	BI	ENS	VG	LM	AP	RF
U	HEIQ	VJL	WXP	YS	AG	FBT	OC	DU	MK	NR
V	VJOG	WTD	UCH	LY	IF	SNP	RA	QK	MX	BE
W	EKWO	LDH	XYG	BM	CI	NAS	PV	JU	RT	QF
X	KYUS	MCP	XVG	WQ	OE	JHB	AT	LF	IR	DN
Y	JOCS	TGP	KDY	EI	NQ	XUH	AF	VB	RW	ML

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°			0 300 600 900 1200 1500 [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)			0 1000 2000 3000 4000 5000 [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

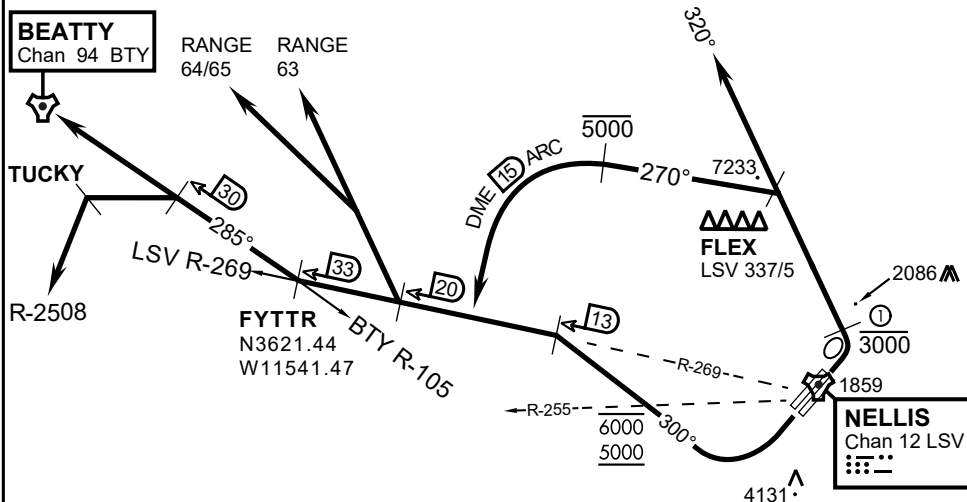
ATIS
 270.100
 NELLIS GROUND
 275.800
 NELLIS TOWER
 327.000
 NELLIS CONTROL
 317.525
 NELLIS DEP/APP EAST
 384.400
 BLACKJACK
 377.800

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.

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.