

MISSION DATA CARD								
OPORD		Callsign		Mission		Date/Time		
350/2021		Lion 1		Training		012000NOV21		
Task	Advanced SEAD Training / Harm EOM Mode					Freq		
AO	R71/ Rachel					134.0		
Departure				Recovery				
FYTTR LOW				STRYK				
#	Callsign		Pilot		IFF	TCN	LSR	NET
-1	Lion 1-1		Nerkub		1311	41Y	1581	
-2	Lion 1-2		Cyking		1312	104Y	1582	
-3	Lion 1-3		Poet		1313	104X	1583	

LOADOUT			
A/A	2xA120C, 2xA9X		GUN 100% HEI-T
A/G	2xA88C		CHF 60
POD	TGP		FLR 60
TKS	2xFT300		FUEL 100%

TOLD					
	Takeoff	Target	Joker	Bingo	Land
FUEL	11169		0	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

FLIGHTPLAN				
#	Name	Navaid/Coords/DME	ALT	TOT
1	FYTTR	LSV 269/33 (N36 21.440 W115 41.470)	15000	
2	Creech AFB	N36 35.200 W115 40.120	25000	
3	T71.09	N37 36.017 W116 56.585	4731	
4	STRYK	LSV 282/26 (N36 25.620 W115 30.700)	10000	
5	Nellis	N36 14.680 W115 01.500	0	

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

OTHER FLIGHTS						
Callsign	Mission	Airframe	Freq	TCN	Grpld	Laser
Edelweiss 1	Training	4x F/A-18C	264.15	21/84		171X
	AO	Groom Lake	Task	Training SAM Defense		
Claw 5	Training	4x F/A-18C	305.0	21/84		156X
	AO	Range 71	Task	Trouble Maker // Red Air		
Edelweiss 6	Training	2x A-10C	134.65	21/84	40	166X
	AO	R64	Task	Dive Bomb Training		
Edelweiss 4	Training	2x A-10C	132.25	21/84	10	170X
	AO	W/SW FYTTR	Task			
Fury 2	Training	3x A-10C	132.15	21/84	20	161X
	AO		Task			
Edelweiss 3	Training	4x F-14B	264.35	21/84		173X
	AO	Groom Lake	Task	SAM DEFENCE		
Edelweiss 5	Training	1x AV-8B N/A	264.55	21/84		170X
	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	
S	Y	M	B	O	L	I	Z	E	D	
KTC 1400 C										
	0	1	2	3	4	5	6	7	8	9
A	CNIF	HPU	LAW	QS	BT	OYR	DE	KM	JV	XG
B	QGIF	HAP	UWR	SN	YT	BVX	OE	ML	KD	CJ
C	JSQG	AOL	VYB	EF	WT	KRX	PN	HM	DU	CI
D	JFAU	SYM	NXV	GT	PQ	EHK	OI	LW	CR	BD
E	VUCB	GTK	NLS	HJ	IR	WEX	DP	QY	MA	OF
F	LSVM	OEP	DAG	XQ	JC	RYK	BH	WF	UN	IT
G	JNFV	XTH	BAC	SK	YP	DOW	GQ	EI	UL	MR
H	OAUQ	CHI	LBD	TF	JG	MVP	SR	NE	YK	XW
I	YKSU	QLJ	ROG	FW	DE	ATN	MC	IH	PV	XB
J	QJIG	BND	YOS	RE	LW	KUH	AX	TC	PF	VM
K	EHJG	VBN	YQC	UA	KO	FPX	DR	LT	IW	SM
L	XDGQ	YRL	KUI	AW	FP	JEO	HT	NV	CB	MS
M	ANKC	BHL	YXF	RD	IO	JGS	MW	EV	TQ	PU
N	TMEW	SCA	GBP	UY	IJ	XNH	KF	QD	OR	VL
O	GPXB	MJA	URN	SD	CF	EWV	IH	KO	YT	QL
P	NJPE	DGS	VKO	UI	TC	FXW	AL	QY	HM	BR
Q	RPSU	NXM	WTG	FB	QO	HDV	YE	LC	KJ	IA
R	NDHY	UFV	XOA	TM	CS	BGR	WL	IQ	KJ	PE
S	BOYI	JMU	RGS	HP	TX	DAF	LQ	NV	WE	KC
T	JIFY	POX	NMT	HQ	AW	BUD	ER	KL	GS	CV
U	VEFK	WTP	ORH	SJ	YU	MGL	ND	QB	CA	XI
V	RHXA	NYB	PIG	EU	WF	TOL	DC	MV	SJ	KQ
W	RPOB	FAY	ETG	SM	NW	QJH	VK	DX	IC	LU
X	DECJ	VSG	NTW	YL	IA	FRK	OU	BX	QH	MP
Y	GUEW	RHO	CXY	NV	ML	IKA	JS	QP	FB	DT

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 36° 14.060' N 115° 01.058' W	ELEV 1857 [ft] 566 [m]	Scale 1:35'500						
	21L	A B D E	2057 - Q.8 200 (200-0.8/1.6) GS 3°				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

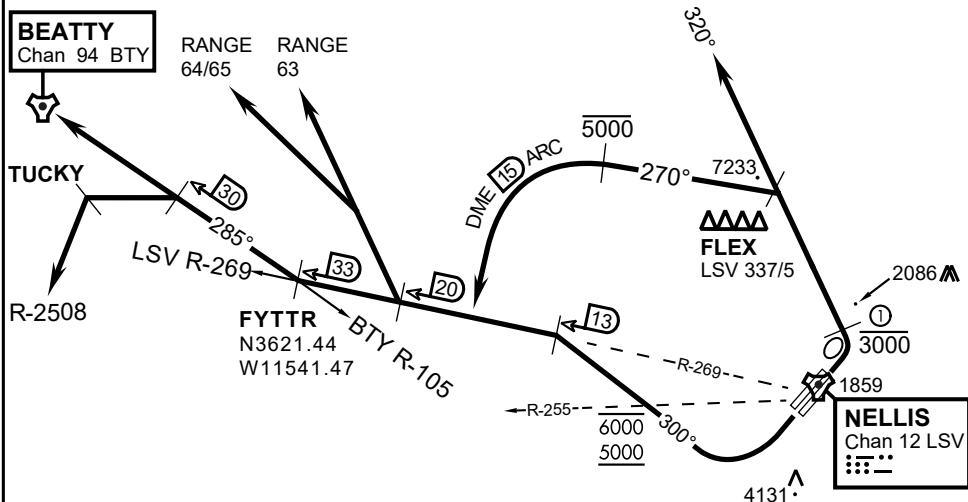
ATIS
 270.100
 NELLIS GROUND
 275.800
 NELLIS TOWER
 327.000
 NELLIS CONTROL
 317.525
 NELLIS DEP/APP EAST
 384.400
 BLACKJACK
 377.800

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.