

MISSION DATA CARD							
OPORD		Callsign		Mission		Date/Time	
362/2021		Tiger 2		Training		082010NOV21	
Task	BVR, RADAR Procedures					Freq	
AO	NORTH WAR (Rachel Farms)					261.25	
Departure				Recovery			
DREAM FOUR				STRYK			
#	Callsign	Pilot		IFF	TCN	LSR	NET
-1	Tiger 2-1	SNAFU		1001	12Y	1561	

LOADOUT			
A/A	2xA9X, 8xA120C	GUN	100% HEI-T
A/G		CHF	90
POD		FLR	30
TKS	2xFPU-8A	FUEL	100%

TOLD					
	Takeoff	Target	Joker	Bingo	Land
FUEL	15291				

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	JUNNO	BLD 346/44 (N36 43.800 W114 52.770)	17000	
2	DREAM	LAS 354/66 BLD 342/71 (N37 10.340 W114 59.530)	24000	
3	Student Gap	LSV 349/82 (N37 37 W115)	26000	
4	BELTED PK	N37 34 W116 04.500	26000	
5	GARTH	LSV 302/90 (N37 17.960 W116 21.260)	26000	
6	FLUSH	LSV 287/73 (N36 50.800 W116 20.270)	26000	
7	STRYK	LSV 282/26 (N36 25.620 W115 30.700)	26000	

COMMS	
Radio	Usage
1	261.250/380.600/261.250
2	3,4,16,4,3

SUPPORT					
Tanker					
Callsign		TCN	Freq	ALT	TAS
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
Edelweiss 6	Training	2x A-10C	134.65	21/84	40	166X
	AO	SW FYTTR	Task			
Edelweiss 5	Training	1x AV-8B N/A	264.55	21/84		175X
	AO	R63	Task			
Tiger 1	Training	3x F/A-18C	261.15	11/74	1	155X
	AO	Range 75-15	Task	A/G Training		
T-Rex 2	Training	2x A-10C	132.25	27/90	25	165X
	AO	R64	Task	MAV Training		
Edelweiss 7	Training	2x A-10C	134.75	21/84	41	167X
	AO		Task	Snapshot & IR-Missile		
Monster 2	Training	2x A-10C	132.25	27/90	17	165X
	AO	R64	Task	MAV Training		
Tiger 3	Training	4x F/A-18C	261.35	12/75		156X
	AO	NORTH WAR (Rachel Farms)	Task	BE Training		
Tiger 4	Training	4x F/A-18C	261.45	12/75		156X
	AO	NORTH WAR (Rachel Farms)	Task	Missile Defense		

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	U	L	M	I	N	A	T	E	S	
KTC 1400 C										
	0	1	2	3	4	5	6	7	8	9
A	KJTW	FMA	CDX	NH	ER	OPU	YS	BV	GL	QI
B	QBFV	GNP	ITJ	CH	MO	SXE	AW	RY	DL	KU
C	JUTS	CRW	YOX	NF	LP	HID	VG	KM	BQ	EA
D	MIHY	QFP	DES	TX	RN	KCU	AL	VG	OW	BJ
E	UVSQ	ANT	JFL	RX	BC	IOH	PY	GW	DE	KM
F	XVYG	JKW	CLD	OH	MR	FNU	QS	TP	IB	EA
G	PEDO	HMC	RIJ	NB	GQ	WLF	KA	SU	YX	TV
H	MTRY	JEL	AUF	XC	QB	NVW	OH	SD	KP	IG
I	DPUN	XQL	RIM	OY	BJ	WSK	TF	HA	GV	EC
J	BSFI	NCJ	QWO	YE	PG	RAU	VM	TH	XK	LD
K	UBDK	WMI	HQT	PX	FN	LOC	EJ	AR	VY	SG
L	HKUS	BRM	PDG	NI	WX	FCY	AE	OQ	JL	VT
M	MPNT	LBX	IGF	AW	DQ	CSJ	YE	VH	KU	OR
N	NRYP	SLH	XCW	QJ	IV	OBM	ED	AG	FK	TU
O	IFYC	LSW	VKM	QE	TP	UHD	GA	BX	RN	JO
P	QEAC	HSK	ONY	IT	BD	GVF	JM	LU	XR	PW
Q	JUAY	PHO	GTF	KN	XL	CMS	RE	DV	WQ	IB
R	PAGJ	TFY	WKR	IU	LX	SBM	QC	ON	EH	DV
S	MTKC	EQV	NIY	OL	SD	PRH	JX	BA	GF	WU
T	SPCE	RKN	BIJ	XG	FY	AOV	QM	HW	UL	DT
U	MTYV	IJN	WHK	LO	CU	GSR	FP	XB	AQ	DE
V	JURL	PFA	EMV	CO	SH	YKI	XB	QN	TG	DW
W	JVCY	MAE	XTI	GR	FK	OBW	PQ	LN	UD	SH
X	XTIP	FVR	LHW	YA	CG	ESD	NJ	UQ	BO	MK
Y	OTQR	PBM	LAI	NG	VX	SYU	WJ	HC	ED	KF

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

DREAM
N3710.34
W11459.53

MINTT
LAS 351/38
17,000

Rwy	Knots	60	120	180	240	300	360
* 3 L (a)	V/V(fpm)	269	538	807	1076	1345	1614
* 3 R (b)	V/V(fpm)	245	490	735	980	1225	1470
† 3 L (c)	V/V(fpm)	498	996	1494	1992	2490	2988
† 3 R (c)	V/V(fpm)	496	992	1488	1984	2480	2976
* 21 L (d)	V/V(fpm)	389	778	1167	1556	1945	2334
* 21 R (d)	V/V(fpm)	395	790	1185	1580	1975	2370
† 21 L (c)	V/V(fpm)	453	906	1359	1812	2265	2718
† 21 R (c)	V/V(fpm)	457	914	1371	1828	2285	2742

* Minimum † ATC Climb Rate

- (a) to 3600
 - (b) to 3100
 - (c) to 17,000
 - (d) to 8500
- ** Lead DME:
ATALF - LSV 9.5
HEREM - LSV 8.8

- ① 12.24 NM from Rwy 21R
- ② 12.40 NM from Rwy 21L
- ③ 5.67 NM from Rwy 3L
- ④ 5.85 NM from Rwy 3R

NOT FOR CIVIL USE

CAUTION: If unable to comply with restrictions advise ATC prior to departure.

LAS VEGAS
116.9 LAS
Chan 116

NELLIS
Chan 12 LSV

BOULDER CITY
116.7 BLD
Chan 114

VAR 12.3°E

DEPARTURE ROUTE DESCRIPTION

TAKE-OFF RWY 3L

- Fly runway heading to intercept the LSV TACAN R-028 then direct ATALF, intercept the BLD VORTAC R-346 then direct JUNNO, cross JUNNO at or above 17,000, then via assigned route.

TAKE-OFF RWY 3R

- Fly runway heading to intercept the LSV TACAN R-031 then direct HEREM, intercept the BLD VORTAC R-346 then direct JUNNO, cross JUNNO at or above 17,000, then via assigned route.

TAKE-OFF RWY 21L/R

- Turn right to intercept LAS VORTAC R-351 outbound. Remain North of LAS 7.5 DME turning Northbound. Intercept LAS R-351 between 5000 and 6000, do not proceed West of LAS R-351. Cross MINTT at or above 17,000, then via assigned route.

NOISE ABATMENT PROCEDURES: Fly acc. Nellis Noise Abatement instructions



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.