

MISSION DATA CARD							
OPORD		Callsign		Mission		Date/Time	
318/2021		Monster 1		Training		252030OCT21	
Task	Advanced Gun Employment					Freq	
AO	R64					132.15	
Departure				Recovery			
A10 TAC WEST				STRYK			
#	Callsign	Pilot		IFF	TCN	LSR	NET
-1	Monster 1-1	Marsy		1411	25Y	1611	21/01
-2	Monster 1-2	Crusader		1412	88Y	1612	21/02
-3	Monster 1-3	Toolface		1413	88X	1613	21/03
-3	Monster 1-3	Toolface		1413	88X	1613	21/03

LOADOUT			
A/A	A9M	GUN	100% CM
A/G	7M156	CHF	240
POD	TGP, A184	FLR	240
TKS		FUEL	100%

TOLD					
	Takeoff	Target	Joker	Bingo	Land
FUEL	11087				

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	FLEX	LSV 337/5 (N36 18.620 W115 02.360)		
2	GASS PEAK	LSV 309/12 (N36 24.140 W115 10.660)		
3	T64.10	N36 54.181 W115 36.857		
4	T64.08	N36 40.932 W115 41.240		
5	T64.14	N36 49.243 W115 37.263		
6	STRYK	LSV 282/26 (N36 25.620 W115 30.700)		
7	APEX	LSV 027/09 (N36 21.580 W114 54.340)		
8	PHINN	N36 18.427 W114 57.408		

NOTES

A10GUN01 - 10 LRS
A10GUN02 - 10 LAS
A10GUN05 - 45 HAS

OTHER FLIGHTS						
Callsign	Mission	Airframe	Freq	TCN	GrpId	Laser
Edelweiss 6	Training	2x A-10C	134.65	21/84	40	166X
	AO	Elgin	Task	Tactical Formation		
Edelweiss 7	Training	2x A-10C	134.75	21/84	41	167X
	AO	LATN WEST	Task	Proficiency Exercises		
Edelweiss 1	Training	4x F/A-18C	264.15	21/84		171X
	AO		Task	Formation Procedures II (Night)		
T-Rex 2	Training	2x A-10C	132.25	27/90	25	165X
	AO	R63	Task	Advanced Gun Employment		
Edelweiss 1	Training	2x F-14B	264.15	21/84		171X
	AO		Task	Formation Procedures II (Night)		

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	R	E	M	A	T	I	O	N	S	
KTC 1400 C										
	0	1	2	3	4	5	6	7	8	9
A	HJGV	KEY	DBU	TR	OC	NSW	IQ	FP	LX	AM
B	ULSO	YXW	QEH	AG	NI	BFT	DR	VK	CJ	MP
C	VEFB	THP	CNR	YG	KI	LMO	JX	AD	WQ	SU
D	YWVD	TCU	EFG	BQ	LO	SAM	KP	NR	XH	IJ
E	GTYF	PKA	WBJ	QM	UL	ECI	DS	HN	XV	RO
F	SRWE	IPQ	BFT	OH	KN	YLV	GA	UD	XJ	MC
G	LCXB	ESP	QAD	RF	WI	KYM	GV	HT	JO	UN
H	BCYW	QTU	GRD	XN	IH	LVA	OM	PE	FS	KJ
I	DMKS	VFR	ULX	WT	NA	CIE	BQ	JP	OY	GH
J	LPQS	MXD	KBO	VE	UG	CIJ	FH	AT	RW	YN
K	QEBR	ASD	GFO	XV	CJ	TNH	IU	PY	LM	WK
L	YPMW	GVB	NOL	TH	SD	XJC	IF	RE	QU	KA
M	OAIF	KRH	JLP	XM	VD	SYN	QW	BG	TU	EC
N	AHQN	YPC	IRB	JG	KV	WSE	FL	XD	OM	UT
O	WQYA	ENS	XFD	OG	TP	MIL	CH	KB	VU	JR
P	LNPB	RVM	HQF	JA	DY	WCS	UE	IT	OK	XG
Q	UIVQ	BMT	CFK	WN	XH	DAG	RE	OS	YP	LJ
R	XHJK	WBQ	EUO	LF	PT	VSI	YR	DA	CN	MG
S	QNHP	YXB	SKW	IT	CU	ROV	LG	AD	MF	JE
T	YFBV	AXN	QKD	UW	TG	MLS	HI	RJ	CE	PO
U	PUIG	SKV	NDY	FR	CT	AMJ	WE	XB	QH	LO
V	GRQT	BEI	JHP	WK	MD	VXS	YF	NU	LO	CA
W	QTMG	CWI	YPE	SK	UJ	FHR	XO	DV	AB	LN
X	BYFE	DKQ	HMW	TL	SC	IJV	GR	OP	AX	NU
Y	QVFR	JDC	UXO	AB	WT	KMH	GE	SN	LP	IY

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	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	1857 [ft]	0 300 600 900 1200 1500 [m]
	3R	A B D E	2057 - 0.8 200 (200-0.8/1.6) GS 3°	115° 01.058' W	566 [m]	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	

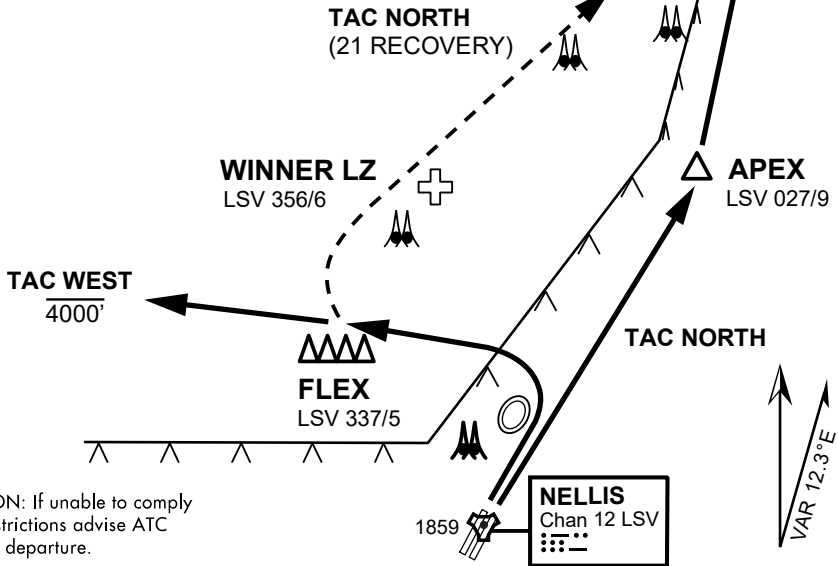
ATIS	NELLIS GROUND	NELLIS TOWER	NELLIS CONTROL	TACAN	ILS RWY 21L	NELLIS EAST	NELLIS WEST
270.100 Mhz	275.800 121.800	327.000 132.55	317.525	LSV 12X	109.10 Mhz	384.400	385.000

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

VMC ONLY

PILOT RESPONSIBLE FOR TERRAIN AVOIDANCE

DRY LAKE
LSV 017/15



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



DEPARTURE ROUTE DESCRIPTION

- Tac North / Tac West departures only flown during daylight from RWY 03
- Use caution for helicopters operating 3 Nm NE of FLEX (Winner LZ).
- Flights will remain at 500' AGL until deconflicted with helicopter traffic.
- Upon reaching FLEX or Dry Lake maintain VFR, remain clear of Class B airspace, and switch frequency to coordinate for range entry.

TAC NORTH

- Proceed direct APEX then direct Dry Lake. Report "APEX" informing ATC flight will clear Class B in 3Nm enroute to Dry Lake.
- For opposite direction takeoffs when RWY 21 is the active, proceed to FLEX then to Dry Lake.
- Report "FLEX" to inform ATC flight is clear of Class B airspace. Use caution for helicopter training.

TAC WEST:

- Proceed to FLEX. Report "FLEX" to inform ATC flight is clear of Class B airspace. Remain below 4000' MSL until north of Gass Peak.



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.