

MISSION DATA CARD								
OPORD		Callsign		Mission		Date/Time		
401/2021		Tiger 3		Training		150000NOV21		
Task	BE Training						Freq	
AO	Student Gap						261.45	
Departure				Recovery				
DREAM FOUR				STRYK				
#	Callsign		Pilot		IFF	TCN	LSR	NET
-1	Tiger 3-1		Retai		1031	12Y	1561	
-2	Tiger 3-2		Tammi		1032	75Y	1562	
-2	Tiger 3-2		Tammi		1032	75Y	1562	
-3	Tiger 3-3		Hawk		1033	75X	1563	
-4	Tiger 3-4		Ghost		1034	12X	1564	

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	BE	LSV 323/63 (N37 17 W115 07.050)	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	261.450/380.600/261.450
2	3,4,16,4,3
3	Mids A 26
4	Mids B 47

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
Pig 4	AR	2x A-10C	261.25	21/84	34	156X
	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	
P	H	L	E	G	M	A	T	I	C	
KTC 1400 C										
	0	1	2	3	4	5	6	7	8	9
A	KVMN	AJH	DBP	FW	RL	XTC	UE	SO	IY	GQ
B	YXQG	RJA	LOM	CP	ST	UID	FB	EK	VN	HW
C	HJXQ	UVP	ECD	YS	LM	TBG	RK	IF	WO	NA
D	CBQT	AOK	UPN	JL	RH	ISW	EV	FM	YG	XD
E	TRYS	CLE	WPH	GX	JN	IFM	DA	BV	QU	OK
F	DQTK	MWP	XYF	CE	RV	SAL	BJ	GU	HN	OI
G	NYOD	QWB	CAR	EV	XH	UFK	PG	TL	JM	SI
H	TDMP	GHS	CIK	AJ	WR	VNY	FX	BL	UE	QO
I	JNBW	PMU	VOA	XI	QH	TCG	SL	FD	YR	KE
J	CYGQ	RFK	IMP	BL	XT	DWO	JU	HE	NA	SV
K	DMGF	TVN	LSP	EU	HB	QKJ	YA	RI	OX	CW
L	GPML	ORJ	YIW	KF	AD	TNH	VU	CQ	EX	BS
M	JUAR	TNM	HKS	EX	FC	woQ	IY	GV	BP	DL
N	BSKC	ULG	PQV	EW	RX	YJI	DA	FT	HO	MN
O	SDLP	JYC	GFI	HT	WM	BAU	OQ	VK	NR	EX
P	QRNO	PLJ	GFA	BV	WK	CYX	EU	IM	TH	SD
Q	MFDJ	CHT	GLR	IQ	UE	BNV	PW	SA	KX	OY
R	NEWG	OPC	YDV	SB	QI	KUJ	AR	HL	FM	TX
S	HWRJ	CAM	BXD	LU	ON	FGQ	YV	IS	KE	PT
T	NVSI	KHO	CDE	GX	BQ	AWM	FJ	PY	RL	TU
U	XDNT	JHI	KOE	LY	WF	UMB	GS	QC	AP	VR
V	YPNE	HKW	VRF	CQ	OG	TML	JS	AX	DI	UB
W	QWBU	FGA	NRI	TS	PO	CYH	MX	VK	JE	LD
X	MBSH	CDL	QGO	JI	AK	WYF	TV	UP	EX	NR
Y	IFAT	YBU	OJD	EK	PL	HRV	SM	NG	XW	QC

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
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

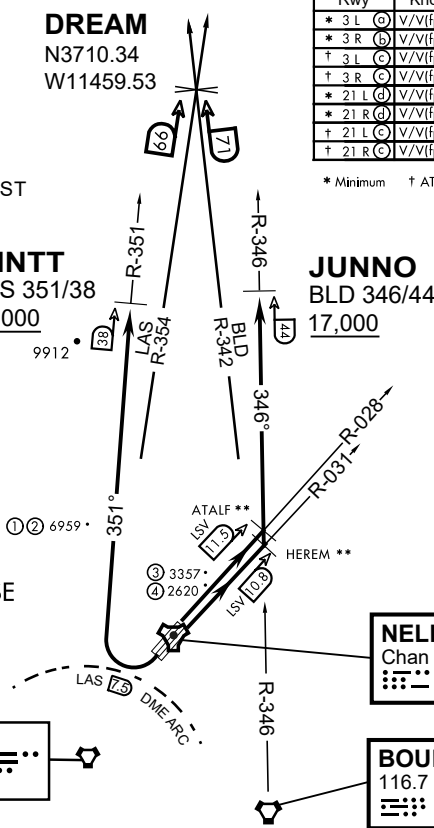
- (a) to 3600
(b) to 3100
(c) to 17,000
(d) to 8500
- ** Lead DME:
ATALF - LSV 9.5
HEREM - LSV 8.8

- 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.