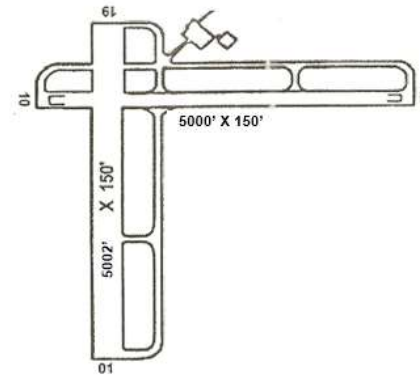


Pensacola North MOA / Pelican Working Area			
Agency	CH	UHF Freq	VHF Freq
PNS APP N	6	291.625	127.35
JAX CTR N MOA	16	338.30	134.15
JAX CTR West	17	346.40	120.20
N MOA Common	15	371.90	
Pelican / Fox	12	254.90	
EVERGREEN OLF	14	254.35	122.70
EVERGREEN ASOS			133.425
BREWTON OLF	13	257.975	122.725
BREWTON AWOS-3			119.325

ELEV. 258



**EVERGREEN**  
CH 14 (254.35 / 122.7)

Rwy 01/19 & 10/28

DELTA: 1600' MSL  
BREAK: 1400' MSL  
PATT: 1100' MSL LEFT

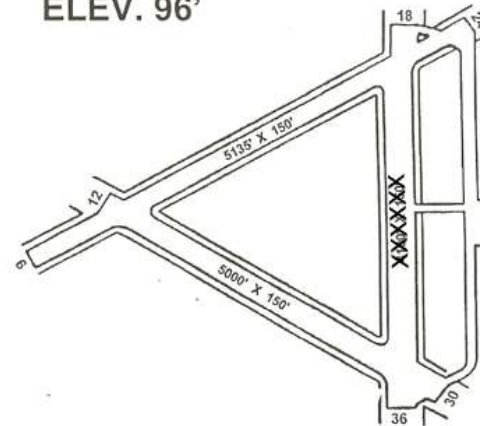
HK: 3300' MSL RIGHT  
LK: 1800' MSL

BINGO: 390# CR from 5 Lakes

**Notes:**

- Max of 6 in pattern
- No ELP/PEL(P) with solos
- No TW 5 ops unless RDO present
- Civil aircraft have right-of-way

ELEV. 96'



**BREWTON**  
CH 13 (257.975 / 122.725)

Rwy 06/124 & 12/30

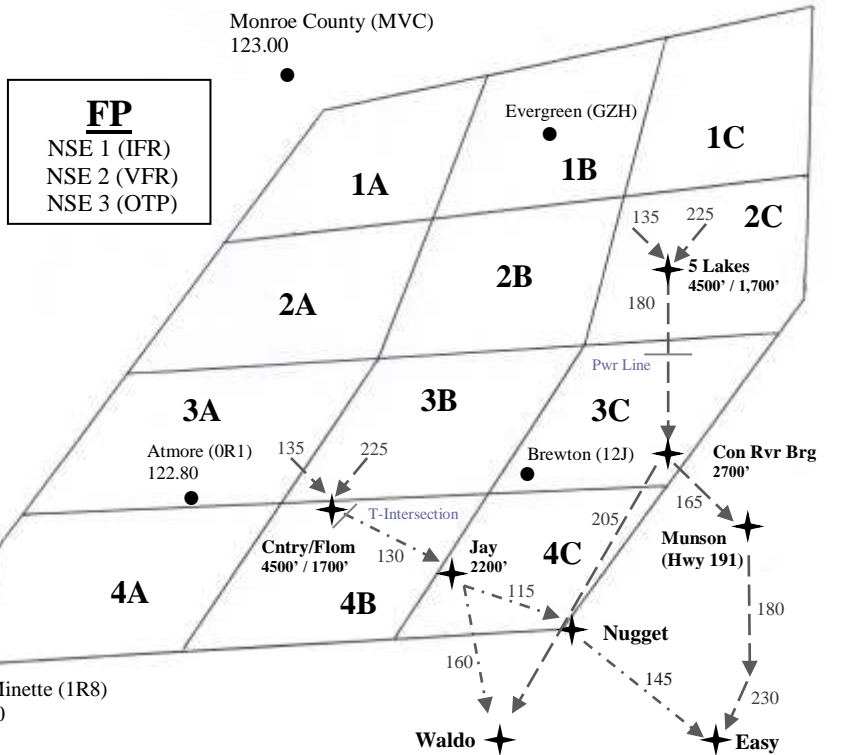
DELTA: 1400' MSL  
BREAK: 1200' MSL  
PATT: 900' MSL LEFT

HK: 3100' MSL RIGHT  
LK: 1600' MSL

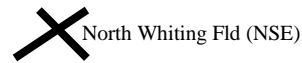
BINGO: 380# CR from Jay

**Notes:**

- Max of 6 in pattern
- No ELP/PEL(P) with solos
- No ops to Rwy 18/36
- No TW 5 ops unless RDO present
- Civil aircraft have right-of-way
- Avoid paper mill or within 5NM of Brewton below 3000 MSL unless entering

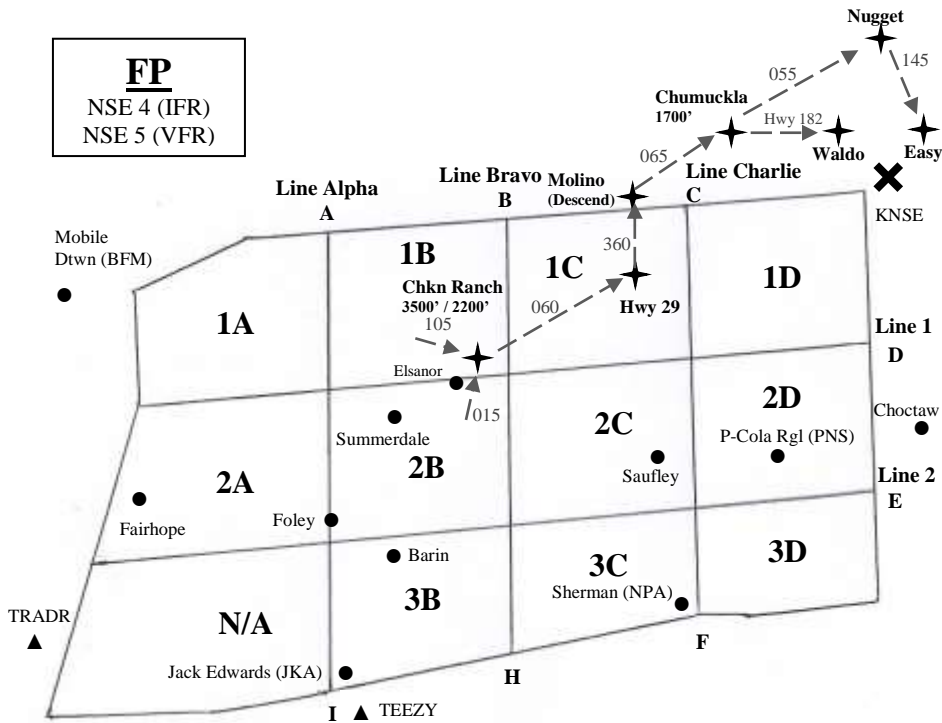


N MOA Blocks	12,000' – 18,000'
N MOA Transition	11,200' (W) / 11,700' (E)
Pelican Blocks	6,000' – 11,000'
Pelican Transition	5,200' (W) / 5,700' (E)

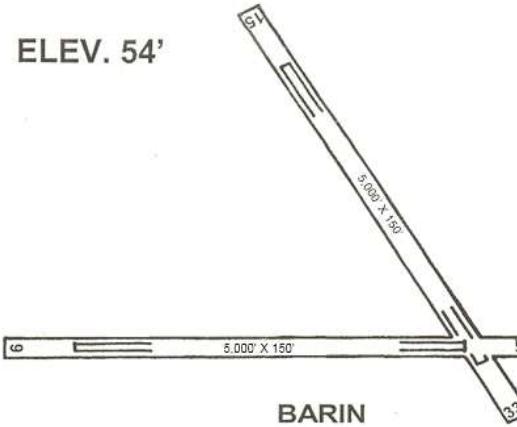


Pensacola South MOA			
Agency	CH	UHF Freq	VHF Freq
PNS DEP	6	291.625	127.35
PNS APP W	11	351.825	118.60
PNS APP S MOA	28	372.00	120.05
S MOA Common	29	360.725	
AREA 1	8	303.15	
BARIN OLF	9	269.425	150.25
SUMMERDALE OLF	10	354.325	140.00
ELSANOR			122.90
JACK EDWARDS	14		122.70
AREA 3	19	299.50	
CHOCTAW ATIS	21	290.55	134.525
CHOCTAW TWR	24	259.25	121.40
PNS APP S	7	269.375	119.00

**FP**  
NSE 4 (IFR)  
NSE 5 (VFR)



Block Altitudes (MSL)	
Gator Areas	11,000' - FL230
High Transition	10,500' (W) / 9,500' (E along lines)
Wahoo Areas	6,000' - 9,500' (A/B rows only)
Area 1	SFC - 6,000'
Low Transition	4,500' (W) / 5,500' (E)



**Notes:**  
-Max of 6 in pattern  
-No ELP/PEL(P) with solos

**BARIN**  
**CH 9 (269.425 / 150.25)**

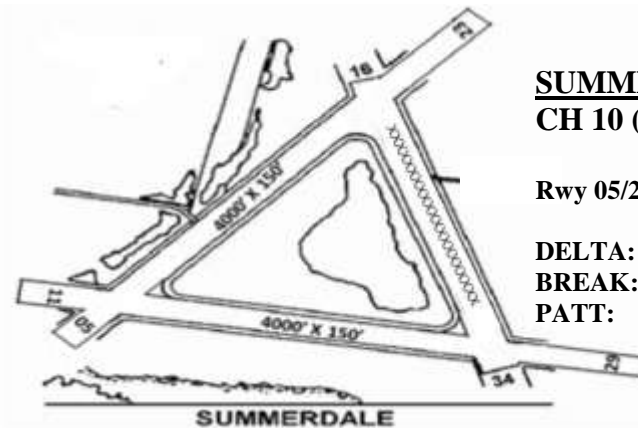
Rwy 09/27 & 15/33

**DELTA:** 1400' MSL  
**BREAK:** 1200' MSL  
**PATT:** 900' MSL LEFT

**HK:** 3100' MSL RIGHT  
**LK:** 1600' MSL

**BINGO:** 410# CR Chkn Ranch

**ELEV. 149'**



**Notes**  
-ELP entry only  
-Max of 4 in pattern

**SUMMERDALE**  
**CH 10 (354.325 / 140.0)**

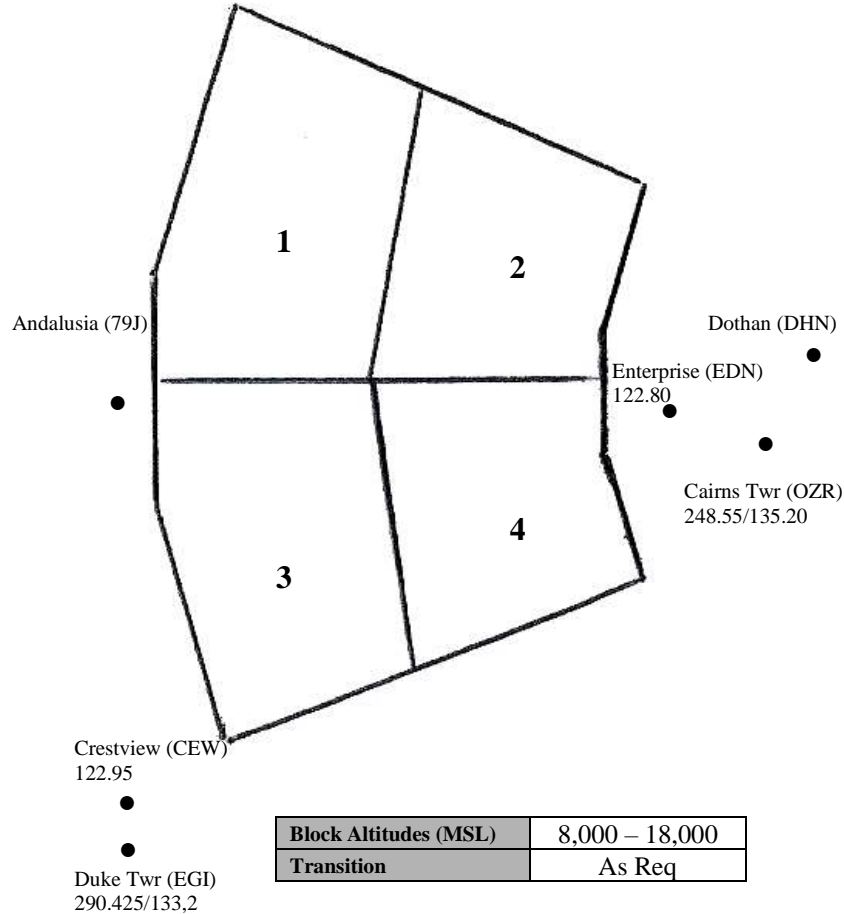
Rwy 05/23 & 11/29

**DELTA:** 1400' MSL  
**BREAK:** 1200' MSL  
**PATT:** 900' MSL LEFT

**HK:** 3100' MSL RIGHT  
**LK:** 1600' MSL

**BINGO:** 400# CR Chkn Ranch

Rose Hill MOA			
Agency	CH	UHF Freq	VHF Freq
PNS APP N	6	291.625	126.85
EGLIN APP N		281.45	125.10
CAIRNS APP	26	239.40	133.45
JAX CTR	17	346.20	120.20
ANDALUSIA AWOS	25		134.875
ANDALUSIA CTAF	27		122.80



<b>Block Altitudes (MSL)</b>	8,000 – 18,000
<b>Transition</b>	As Req

Maneuver	Airspeed	Config	Q	Pitch	VSI
Fast Cruise	240	Clean	80%	1 ↓	0
Normal Cruise	200	Clean	50% + alt	0	0
Slow Cruise	150	Clean	31%	2 ↑	0
Downwind	120	G ↓ / F ↑	31%		
No-Flap d/w & App	120/110	G ↓ / F ↑	31/14%		
TO Flap d/w & App	115/105	G ↓ / F TO	42/15%		
LDG Flap d/w & App	110/100	G ↓ / F LDG	52/18%		
Cruise Climb	180	Clean	Max	8-12 ↑	Approx. 2400 fpm
Best Rate Climb	140	Clean	Max	15 ↑	Approx 3500 fpm
Terminal Descent	200	Clean	20%	5 ↓	2000
			15%	6 ↓	2300
			10%	7 ↓	2700
			5%	8 ↓	3200
			Idle	12 ↓	4600
Enroute Descent	200-250	Clean	A/R	A/R	2000-4000
	220		10%	10 ↓	4000
Shuttle Descent	150	Clean	15%	2 ↓	1000
Best Glide	125	Clean	4-6%		1100-1300
Max Range Descent	180	Clean	A/R	A/R	1500
BAC	120	G ↓ / F TO	42%	2.5 ↑	0
Precision Final	120	G ↓ / F TO	24%	0	630
Nonprecision Final	120	G ↓ / F TO	15%	2 ↓	1000
Holding	150	Clean	31%	2 ↑	0
Vertical S ↑	150	Clean	55%	5 ↑	1000
Vertical S ↓	150	Clean	15%	2 ↓	1000
45 Steep Turn	150	Clean	45%	3 ↑	0
60 Steep Turn	150	Clean	60%	5 ↑	0

Aerobatic Maneuver	Entry Airspeed	Power (High Area)
Inverted Flight	180-200	A/R
Aileron Roll	180-220	~80%
Wingover	200-220	~70%
Barrel Roll	200-220	~80%
Loop	230-250	MAX
Split S	120-140	Idle-80%
Immelmann	230-250	MAX
Cuban-8	230-250	MAX
Cloverleaf	200-220	MAX

## NORTH

AGENCY	UHF	CH	VHF	AGENCY
NSE ATIS	290.325	<b>1</b>	126.200	NSE ATIS
NSE CLNC DEL	257.775	<b>2</b>		
NSE GND	251.150	<b>3</b>		
NSE TWR	306.925	<b>4</b>	121.400	NSE TWR
PNS APP N	291.625	<b>6</b>	127.350	PNS APP N
JAX CTR	346.200	<b>17</b>	120.200	JAX CTR
JAX CTR MOA	338.300	<b>16</b>	134.150	JAX CTR MOA
N MOA Common	371.900	<b>15</b>		
Area Fox/Pelican	254.900	<b>12</b>		
Brewton OLF	257.975	<b>13</b>	122.725	Brewton OLF
			119.325	Brewton AWOS
Evergreen OLF	254.350	<b>14</b>	122.700	Evergreen OLF
			133.425	Evergreen ASOS
PNS APP N	291.625	<b>6</b>	126.850	PNS APP N
			120.675	MGM ATIS
MGM CLNC DEL	270.300		118.300	MGM CLNC DEL
MGM GND	348.600		121.700	MGM GND
MGM TWR	360.850		119.700	MGM TWR/CTAF
MXE ATIS	269.900		134.700	MXE ATIS
MXE GND	289.400		127.150	MXE GND
MXE TWR	253.500		118.150	MXE TWR
MGM APP	363.025		120.675	MGM APP
VT-2 Base	350.150	<b>20</b>		
VT-3 Base	342.800	<b>30</b>		
VT-6 Base	355.550	<b>60</b>		
FITU Base	273.750	<b>50</b>		
NSE Base Ops/ODO	233.700	<b>23</b>		
NSE METRO	316.950	<b>22</b>		
NSE Maintenance	257.500	<b>25</b>		
NDZ GND	317.650	<b>33</b>		
NDZ TWR	348.675	<b>34</b>	121.400	NDZ TWR

## WEST

AGENCY	UHF	CH	VHF	AGENCY
PNS APP W	351.825	<b>11</b>	118.600	PNS APP W
PNS APP MOA	372.00	<b>28</b>	120.050	PNS APP MOA
S MOA Common	360.725	<b>29</b>		
Area 1	303.150	<b>8</b>		
Barin OLF	269.425	<b>9</b>	150.25	Barin OLF
Summerdale OLF	354.325	<b>10</b>	140.00	Summerdale OLF
Area 3	299.500	<b>19</b>		
Choctaw ATIS	290.550	<b>21</b>	134.525	Choctaw ATIS
Choctaw TWR	359.250	<b>24</b>	121.400	Choctaw TWR
PNS APP S	269.375	<b>7</b>	119.000	PNS APP S
		<b>51</b>	121.250	PNS ATIS
PNS CLNC DEL	256.875	<b>52</b>	123.725	PNS CLNC DEL
PNS GND	348.600	<b>53</b>	121.900	PNS GND
PNS TWR	257.800	<b>54</b>	119.900	PNS TWR/CTAF
NPA ATIS	266.800	<b>41</b>	124.350	NPA ATIS
NPA CLNC DEL	268.700	<b>42</b>	134.100	NPA CLNC DEL
NPA GND	336.400	<b>43</b>	121.700	NPA GND
NPA TWR	340.200	<b>44</b>	120.700	NPA TWR
PNS APP SW	270.800		120.650	PNS APP SW
MOB ATIS	257.850	<b>71</b>	124.750	MOB ATIS
		<b>72</b>	119.850	MOB CLNC DEL
MOB GND	348.600	<b>73</b>	121.900	MOB GND
MOB TWR	239.000	<b>74</b>	118.300	MOB TWR
		<b>61</b>	135.575	BFM ATIS
BFM GND	239.300	<b>62</b>	121.700	BFM GND
BFM TWR	251.100	<b>64</b>	118.800	BFM TWR/CTAF
MOB APP	269.300		118.500	MOB APP
			135.175	PQL ATIS
			121.725	PQL CLNC/GND
			118.575	PQL TWR/CTAF

## EAST

AGENCY	UHF	CH	VHF	AGENCY
JAX CTR	346.400	17	120.200	JAX CTR
RH MOA Common				
Cairns APP	239.400	26	133.450	Cairns APP
		25	134.875	Andalusia ASOS
		27	122.800	Andalusia CTAF
			135.720	DHN ATIS
DHN GND	348.600		121.700	DHN GND
DHN TWR	257.600		118.400	DHN TWR/CTAF
			133.525	MAI ASOS
			123.000	MAI CTAF
EGLIN APP N	281.450		125.100	EGLIN APP N
EGLIN APP S	360.600		132.100	EGLIN APP S
DUKE GND	251.125			
DUKE TWR	290.425		133.200	DUKE TWR
HRT ATIS	360.675		134.475	HRT ATIS
HRT GND	275.800		123.975	HRT GND
HRT TWR	351.675		126.500	HRT TWR
TLH APP	317.400		135.800	TLH APP
TLH ATIS	239.250		119.450	TLH ATIS
TLH CLNC DEL	275.800		126.650	TLH CLNC DEL
TLH GND	348.600		121.900	TLH GND
TLH TWR	257.800		118.700	TLH TWR/CTAF
PAM APP	338.350		124.150	PAM APP
PAM ATIS	254.400			
PAM CLNC DEL	348.700		118.050	PAM CLNC DEL
PAM GND	259.300		121.900	PAM GND
PAM TWR	263.150		133.950	PAM TWR
			119.975	ECP ATIS
			121.650	ECP GND
			118.950	ECP TWR/CTAF

## MAX RANGE NUMBERS

-Climb: 140 KIAS / Clean  
 -Cruise: No wind / Defog Off  
 -Descent: 250 KIAS / Idle / Clean / SB out

-App: 50 lbs  
 -Land: 120 lbs on deck

\*If planning a VFR app at destination vice IFR app, use next 50 lbs increment. Example: 250 lbs on board but anticipate a VFR arrival versus IFR, look at 300 lbs numbers.

<b>5,000'</b>						
<b>FF: 515 pph</b>		<b>TAS: 236 kias</b>		<b>IAS: 217 kias</b>		
<b>Fuel (lbs)</b>	<b>Acft (lbs)</b>	<b>Spec Range</b>	<b>Climb (lbs/NM)</b>	<b>Cruise (lbs/NM)</b>	<b>Descent (lbs/NM)</b>	<b>Total (lbs/NM)</b>
<b>200</b>	5800	0.4630	20 / 4	9 / 4	1 / 4	80 / <b>12</b>
<b>250</b>	5850	0.4628	20 / 4	59 / 27	1 / 4	130 / <b>35</b>
<b>300</b>	5900	0.4625	20 / 4	109 / 50	1 / 4	180 / <b>58</b>
<b>350</b>	5950	0.4623	20 / 4	159 / 73	1 / 4	230 / <b>81</b>
<b>400</b>	6000	0.4620	20 / 4	209 / 96	1 / 4	280 / <b>104</b>
<b>450</b>	6050	0.4615	20 / 4	259 / 119	1 / 4	330 / <b>127</b>
<b>500</b>	6100	0.4610	20 / 4	309 / 142	1 / 4	380 / <b>150</b>

<b>10,000'</b>						
<b>FF: 425 pph</b>		<b>TAS: 227 kias</b>		<b>IAS: 194 kias</b>		
<b>Fuel (lbs)</b>	<b>Acft (lbs)</b>	<b>Spec Range</b>	<b>Climb (lbs/NM)</b>	<b>Cruise (lbs/NM)</b>	<b>Descent (lbs/NM)</b>	<b>Total (lbs/NM)</b>
<b>200</b>	5800	xx	xx / xx	xx / xx	xx / xx	xx / xx
<b>250</b>	5850	0.5400	35 / 9	42 / 22	3 / 8	130 / <b>39</b>
<b>300</b>	5900	0.5395	35 / 9	92 / 49	3 / 8	180 / <b>66</b>
<b>350</b>	5950	0.5390	35 / 9	142 / 76	3 / 8	230 / <b>93</b>
<b>400</b>	6000	0.5385	35 / 9	192 / 103	3 / 8	280 / <b>120</b>
<b>450</b>	6050	0.5380	35 / 9	242 / 130	3 / 8	330 / <b>147</b>
<b>500</b>	6100	0.5375	35 / 9	292 / 157	3 / 8	380 / <b>174</b>

<b>15,000'</b>						
<b>FF: 355 pph</b>		<b>TAS: 226 kias</b>		<b>IAS: 178 kias</b>		
<b>Fuel (lbs)</b>	<b>Acft (lbs)</b>	<b>Spec Range</b>	<b>Climb (lbs/NM)</b>	<b>Cruise (lbs/NM)</b>	<b>Descent (lbs/NM)</b>	<b>Total (lbs/NM)</b>
<b>200</b>	5800	xx	xx / xx	xx / xx	xx / xx	xx / xx
<b>250</b>	5850	0.6380	52 / 13	24 / 15	4 / 11	130 / <b>39</b>
<b>300</b>	5900	0.6370	52 / 13	74 / 47	4 / 11	180 / <b>71</b>
<b>350</b>	5950	0.6360	52 / 13	124 / 79	4 / 11	230 / <b>103</b>
<b>400</b>	6000	0.6355	52 / 13	174 / 111	4 / 11	280 / <b>135</b>
<b>450</b>	6050	0.6350	52 / 13	224 / 143	4 / 11	330 / <b>167</b>
<b>500</b>	6100	0.6345	52 / 13	274 / 175	4 / 11	380 / <b>199</b>

### MISC. DATA

-Airfield distances calculated center of KNSE to center of airport (listed) in a direct line.

<u>Airfield</u>	<u>Dist (NM)</u>
Choctaw	15
Pensacola Rgl	19
Brewton	23
Hurlburt Fld	28
NAS PCola	30
Duke AFB	30
Crestview	30
Eglin AFB	35
Barin	43
Evergreen	48
Bay Minette	48
Jack Edwards	49
Monroeville	52
Andalusia	55
Mobile Downtown	63
Mobile Rgl	73
Cairns	87
Tyndall AFB	97
Dothan	102
Keesler AFB	115
Mntgmry Dannelly	115
Maxwell AFB	121
Biloxi	124
Meridian	150
Tallahassee	160
Tuscaloosa	175
N.O. Lakefront	185
Birmingham	196
Hammond	202
Columbus AFB	205