AWOS-3
118.325

GCO
121.725

ELLSWORTH DEP CON
119.5259 .1

UNICOM
122.7 (CTAF)


NOTE: RNAV 1.
NOTE: GPS required.

## TAKEOFF MINIMUMS

Rwys 4, 8, 22, 26: NA-Environmental.
Rwy 13: Standard with minimum climb of $380^{\prime}$ per NM to 4800 .
Rwy 31: 300-13/4 or standard with minimum climb of $350^{\prime}$ per NM to 4500 .

## TAKEOFF OBSTACLE NOTES

Terrain $562^{\prime}$ from DER, $628^{\prime}$ right of centerline, $3911^{\prime} \mathrm{MSL}$.
Vehicle on traverse way $1071^{\prime}$ from DER, 480 ' right of centerline, 3931' MSL.
Rwy 31: Lighting $9^{\prime}$ from DER, $18^{\prime}$ left of centerline, $2^{\prime}$ AGL/3886' MSL.
Lighting $9^{\prime}$ from DER, $17^{\prime}$ right of centerline, $2^{\prime} \mathrm{AGL} / 3886^{\prime} \mathrm{MSL}$.
Terrain beginning $53^{\prime}$ from DER, $356^{\prime}$ left of centerline, up to $3918^{\prime}$ MSL.
Terrain $142^{\prime}$ from DER, $394^{\prime}$ right of centerline, $3897^{\prime}$ MSL.
Terrain 192' from DER, $492^{\prime}$ right of centerline, 3902' MSL.
Terrain beginning $328^{\prime}$ from DER, $395^{\prime}$ right of centerline, up to $3907^{\prime}$ MSL.
Terrain beginning $346^{\prime}$ from DER, $450^{\prime}$ left of centerline, up to $3929^{\prime}$ MSL.
Terrain 592' from DER, $641^{\prime}$ left of centerline, $3942^{\prime}$ MSL.
Pole, terrain beginning 734 from DER, $446^{\prime}$ left of centerline, up to $9^{\prime}$ AGL/3986' MSL.
Tree 1.1 NM from DER, $2402^{\prime}$ right of centerline, $4084^{\prime}$ MSL.
Trees, vehicle on traverse way beginning 1.2 NM from DER, $1993^{\prime}$ right of centerline, up to $4112^{\prime}$ MSL.
Trees, terrain, vehicle on traverse way beginning 1.2 NM from DER, $1883^{\prime}$ right of centerline, up to $4126^{\prime} \mathrm{MSL}$.
Terrain, trees beginning 1.2 NM from DER, $1786^{\prime}$ right of centerline, up to $4155^{\prime}$ MSL.
Vehicle on traverse way 1.3 NM from DER, $2624^{\prime}$ right of centerline, $4217^{\prime} \mathrm{MSL}$.
Trees, terrain beginning 1.3 NM from DER, $744^{\prime}$ right of centerline, up to $4228^{\prime}$ MSL.
NOTE: Chart not to scale.

## DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 13: Climb heading $124^{\circ}$ to 4800 , then left turn direct ELRAP, then on track $322^{\circ}$ to SWUNG, thence. . . .
TAKEOFF RUNWAY 31: Climb heading $304^{\circ}$ to 4500 , then direct DRACO, then on track $031^{\circ}$ to SWUNG, thence. . . .
. . . . on assigned route and altitude.

