

## ELY - ELO

### EASTERN AREA - R9

Superior National Forest  
Kawishiwi Ranger District  
118 South 4th Avenue East  
Ely Minnesota 55731  
FAX: (218)365-5420  
email: djpeterson@fs.fed.us

### FTR COUNTY - ST. LOUIS BASE LOCATION ON FIELD - SW QUADRANT

Base Operations (218) 365-4831  
Dispatch Office (218) 327-4175  
Manager - Scott Richards, Jim Bertelsen, Dan Peterson (218) 365-7634  
COR -

Agency Contact Frequency 169.925  
Airtanker Base Frequency 123.975

Large Airtanker Operations Authorized? YES  
SEAT Operations Authorized? YES  
Hot Reloading Program Authorized? NO

Runway Weight Limits Single 80,000  
Runway Weight Limits Dual 155,000  
Pit Total 2  
Parking Total 3

Known hazards: **CAUTION:** Strong crosswinds.

Remarks:

## Retardant Contract and Lot Acceptance Information

### Fire-Trol LCG-R

Fire-Trol LCG-R is a wet concentrate formulation that uses ammonium polyphosphate (11-37-0) as the fire retardant salt. When mixed with water, the resulting retardant is unthickened (water-like). Fire-Trol LCG-R contains a corrosion inhibitor and iron oxide color. Mixing occurs through simple proportioning of the retardant concentrate and water. The resulting mixed retardant is pumped directly into the aircraft without intermediate storage.

Product type:	Unthickened, liquid concentrate; demand-mixed.
Qualification:	Qualified for use from a permanent or temporary base and can be applied from a fixed-wing airtanker or helicopter bucket.
Use level:	1 gallon of liquid concentrate mixed with 4.75 gallons of water will produce 5.67 gallons of mixed retardant. Each gallon of mixed retardant contains the equivalent of 2.17 pounds or 0.18 gallons of liquid concentrate.
Yield:	1 ton of liquid concentrate yields 923 gallons of mixed retardant.
Viscosity:	<50 centipoise (cP).  Field measurement for the viscosity of the retardant mixed 4.75:1 is not meaningful; therefore, no data is provided for the mixed retardant.
Salt content:	7.9 percent by weight, P <sub>2</sub> O <sub>5</sub> equivalent.  Field measurement (Refractometer): A reading of 15.0 indicates a proper salt content. <b>A reading between 14.0 and 16.0 indicates an acceptable salt content.</b>
Specific weight:	9.13 and 12.25 lb/gal, respectively, for mixed retardant and liquid concentrate.