

LAND AND HOLD-SHORT OPERATIONS (LAHSO)

LAHSO is an acronym for "Land and Hold-Short Operations." These operations include landing and holding short of an intersection runway, an intersecting taxiway, or other predetermined points on the runway other than a runway or taxiway. Measured distance represents the available landing distance on the landing runway, in feet.

Specific questions regarding these distances should be referred to the air traffic manager of the facility concerned. The Aeronautical Information Manual contains specific details on hold-short operations and markings.

| CITY/AIRPORT | LDG RWY | HOLD-SHORT POINT | AVBL LDG DIST |
|--|----------------|-------------------------|--|
| DULUTH, MN DULUTH INTL (DLH) | 09 | 03-21 | 8,950 feet |
| FARGO, ND HECTOR INTL (FAR) | 18 36 | 13-31 09-27 | 7,900 feet 6,600 feet |
| GRAND FORKS, ND GRAND FORKS INTL (GFK) | 27R 35L | 17R-35L 09L-27R | 3,000 feet 4,600 feet |
| MINNEAPOLIS, MN MINNEAPOLIS-ST PAUL INTL/ WOLD-CHAMBERLAIN (MSP) | 22 30L | TWY K TWY A9 TWY W9 | 8,550 feet 8,150 feet |
| ROCHESTER, MN ROCHESTER INTL (RST) | 03 13 31 | 13-31 03-21 03-21 | 5,850 feet 5,270 feet 3,200 feet |