

Minnesota State Soaring Records

Distance Records								
Class	Straight Distance (statute miles)	Distance To A Goal (statute miles)	Distance Up To 3 Turnpoints	Free 3-Turnpoint Distance (statute miles)	Triangular Distance (statute miles)	Free Triangular Distance (statute miles)	Out & Return Distance (statute miles)	Free Out & Return Distance (statute miles)
Open Single-Place	435.1 Brian Utley Nimbus II 5-31-75	322.4 L. Rogers HP-14 8-16-70		353.47 Don Ingraham Discus CS 7-10-99	399 Brian Utley ASW-17 5-3-80		302.1 Brian Utley Nimbus II 5-1-76	257.56 Richard Andrews Ka-6e 5-13-96
Open Multi-Place	231.1 Richard Andrews Christophe Cooper ASK-21 5-20-03	231.1 Richard Andrews Christophe Cooper ASK-21 5-20-03		294.2 David Stevenson ASK-21 6-12-95	313.3 Fred Hewitt Marilyn R. Meline DG-1000 5-10-07	199.2 Paul Remde Fred Hewitt DG-1000 6-3-06		
15 Meter	413.68 Jim Hard Schweizer 1-26A 4-6-90	326.8 Richard Andrews Ka-6e 7-9-96		353.5 Don Ingraham Discus CS 7-10-99	326.9 John McGregor Libelle H301 6-22-01		235.8 Tim Gossfeld ASW-27B 5-17-08	257.56 Richard Andrews Ka-6e 5-13-96
Standard	413.7 Jim Hard Schweizer 1-26A 4-6-90	326.8 Richard Andrews Ka-6e 7-9-96		353.5 Don Ingraham Discus CS 7-10-99	309.6 Don Ingraham Jantar Standard 5-13-96		203.3 Daniel Shallbetter ASW-28 6-19-04	257.56 Richard Andrews Ka-6e 5-13-96
Sports	547.3 Jim Hard Schweizer 1-26A 5-1-96	392.1 Richard Andrews Ka-6e 7-9-96		392.1 Richard Andrews Ka-6e 7-9-96	347.2 David Stevenson ASK-21 6-12-95	285.17 Fred Hewitt Marilyn R. Meline DG-1000 5-10-07	247.9 Laura Hohanshelt Ka-6E 6-19-04	309.1 Richard Andrews Ka-6e 5-13-96
Motorglider Single-Place				206.9 Brian G. Utley DG-800B 6-15-03			204.3 Brian G. Utley DG-800B 8-30-03	204.3 Brian G. Utley DG-800B 8-30-03
Motorglider Multi-Place								
World Class					195.5 Thomas Kuhfeld PW-5 5-9-07			
Ultralight								
Feminine Open Single-Place	320.96 Kathleen Winters Libelle H201B 5-1-04			320.96 Kathleen Winters Libelle H201B 5-1-04	195.31 Kathleen Winters Libelle H201B 6-22-01		203.2 Laura Hohanshelt Ka-6E 6-19-04	203.2 Laura Hohanshelt Ka-6E 6-19-04
Feminine Multi-Place								
Feminine 15 Meter	320.96 Kathleen Winters Libelle H201B 5-1-04			320.96 Kathleen Winters Libelle H201B 5-1-04	195.31 Kathleen Winters Libelle H201B 6-22-01		203.2 Laura Hohanshelt Ka-6E 6-19-04	203.2 Laura Hohanshelt Ka-6E 6-19-04
Feminine World Class								
Feminine Ultralight								
Feminine Motorglider Single-Place								
Feminine Motorglider Multi-Place								
Junior (Up to age 25) Single-Place	51 W. Huemmer Ka-8b 8-25-71							
Junior (Up to age 25) Multi-Place								

Sports Class Distances are in Handicapped Miles, Sports Class Speeds are in Handicapped MPH

To set a new record, the old record must be broken by the following margins: Distance by 6.22 Miles (10km), Speed by 1.24 mph (2 km/h), Altitude by 3%

Minnesota State Soaring Records

Class	Altitude Records		Out & Return Speed		
	Absolute Altitude (feet MSL)	Altitude Gain (feet)	300 Km (186.42 s.mi.) (mph)	500 Km (310.7 s.mi.) (mph)	750 Km (466.05 s.mi.) (mph)
Open Single-Place	16,800 J. Struthers Blanik L-13 1960's	13,830 J. Struthers Blanik L-13 1960's	56.17 Stephen Metz Schl. ASW-27B 6-2-06		
Open Multi-Place	10,600 J. Struthers Blanik L-13 1971	7,400 J. Struthers Blanik L-13 1971			
15 Meter	11,218 Stephen Metz Schl. ASW-27B 6-2-06	9,160 Stephen Metz Schl. ASW-27B 6-2-06	56.17 Stephen Metz Schl. ASW-27B 6-2-06		
Standard	10,057 Don Ingraham Jantar Standard 5-19-95	8,300 Don Ingraham Jantar Standard 5-19-95	36.5 Richard Andrews Ka-6e 5-2-95		
Sports	Not valid categories.		43.8 Richard Andrews Ka-6e 5-2-95		
Motorglider Single-Place	10,674 Brian G. Utley DG-800B 5-25-03	7,368 Brian G. Utley DG-800B 5-25-03	62.19 Brian Utley DG-800B 8-30-03		
Motorglider Multi-Place					
World Class	8,580 Thomas Kuhfeld PW-5 5-9-07	5,541 Thomas Kuhfeld PW-5 5-9-07			
Ultralight					
Feminine Open Single-Place	10,400 P. Norgard ASK-13 5-4-80	9,300 P. Norgard ASK-13 5-4-80			
Feminine Multi-Place	8,756 Marilyn R. Meline Laura Hohanshelt ASK-21 5-28-07	5,736 Marilyn R. Meline Laura Hohanshelt ASK-21 5-28-07			
Feminine 15 Meter	9,979 Kathleen Winters Libelle H201B 6-2-06	6,535 Kathleen Winters Libelle H201B 6-2-06			
Feminine World Class					
Feminine Ultralight					
Feminine Motorglider Single-Place					
Feminine Motorglider Multi-Place					
Junior (Up to age 25) Single-Place	8,200 P. Norgard Blanik L-13 7-28-80	5,400 P. Norgard Blanik L-13 7-28-80			
Junior (Up to age 25) Multi-Place					

As of 2004, the SSA only recognizes altitude records in the open classes - in the "General" and "Feminine" Categories.
Therefore the records shaded in grey above are not official records.

Minnesota State Soaring Records

Class	Speed Around a Triangular Course						
	100 Km (62.14 s.mi.) (mph)	200 Km (124.28 s.mi.) (mph)	300 Km (186.42 s.mi.) (mph)	500 Km (310.7 s.mi.) (mph)	750 Km (466.05 s.mi.) (mph)	1000 Km (621.4 s.mi.) (mph)	1250 Km (776.75 s.mi.) (mph)
Open Single-Place	66.1 Brian Utley Nimbus II 7-6-75	62.6 Brian Utley Nimbus II 9-22-74	66.4 Brian Utley Nimbus II 5-10-75	62.27 Stephen Metz Schl. ASW-27B 5-25-03			
Open Multi-Place	31.59 Paul Remde Richard Andrews ASK-21 5-21-03	39.59 Richard Andrews Paul Remde ASK-21 5-23-03	45.97 David Stevenson ASK-21 6-12-95	46.69 Fred Hewitt Marilyn Meline DG-1000 5-10-07			
15 Meter	60.7 Don Ingraham Discus CS 4-30-98	47.1 Don Ingraham Discus CS 5-6-98	56.68 Stephen Metz ASW-27B 7-24-04	62.27 Stephen Metz Schl. ASW-27B 5-25-03			
Standard	60.7 Don Ingraham Discus CS 4-30-98	47.1 Don Ingraham Discus CS 5-6-98	45.2 Don Ingraham Jantar Standard 5-13-96	41 Don Ingraham Discus CS 6-17-99			
Sports	52.1 Paul Remde Schweizer 1-35c 5-12-96	49.4 Richard Andrews Ka-6e 4-22-97	54.2 David Stevenson ASK-21 6-12-95	40.3 Richard Andrews Ka-6e 5-20-97			
Motorglider Single-Place	72.76 Brian G. Utley DG-800B 6-15-03	61.12 R. A. Wood Ventus 2cxM 6-23-08	57.61 Brian G. Utley DG-800B 5-9-07				
Motorglider Multi-Place							
World Class			35.57 Thomas Kuhfeld PW-5 5-9-07				
Ultralight							
Feminine Open Single-Place			39.05 Kathleen Winters Libelle H201B 6-22-01				
Feminine Multi-Place							
Feminine 15 Meter			39.05 Kathleen Winters Libelle H201B 6-22-01				
Feminine World Class							
Feminine Ultralight							
Feminine Motorglider Single-Place							
Feminine Motorglider Multi-Place							
Junior (Up to age 25) Single-Place							
Junior (Up to age 25) Multi-Place							

Items highlighted in yellow are recent