

# Minnesota State Soaring Records

Class	Distance Records							
	Straight Distance	Distance To A Goal	Distance Up To 3 Turnpoints	Free 3-Turnpoint Distance	Triangular Distance	Free Triangular Distance	Out & Return Distance	Free Out & Return Distance
	(statute miles)	(statute miles)	(statute miles)	(statute miles)	(statute miles)	(statute miles)	(statute miles)	(statute miles)
<b>Open Single-Place</b>	435.1 Brian Utley Nimbus II 5-31-75	322.4 L. Rogers HP-14 8-16-70	258.14 Tim Gossfeld ASW-27B 5-16-09	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
<b>Open Multi-Place</b>	231.1 Richard Andrews Christophe Cooper ASK-21 5-20-03	231.1 Richard Andrews Christophe Cooper ASK-21 5-20-03	238.88 Richard Andrews Fred Hewitt DG-1000S 5-3-09	294.2 David Stevenson ASK-21 6-12-95	313.3 Fred Hewitt Marilyn R. Meline DG-1000 5-10-07	236.2 Richard Andrews Fred Hewitt DG-1000S 5-3-09		167.91 Richard Andrews Fred Hewitt DG-1000S 5-3-09
<b>15 Meter</b>	413.68 Jim Hard Schweizer 1-26A 4-6-90	326.8 Richard Andrews Ka-6e 7-9-96	258.14 Tim Gossfeld ASW-27B 5-16-09	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
<b>Standard</b>	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
<b>Sports</b>	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 DG-1000 5-10-07	247.9 Laura Hohanshelt Ka-6E 6-19-04	309.1 Richard Andrews Ka-6e 5-13-96
<b>Motorglider Single-Place</b>			313.1 R. A. Wood Ventus 2cxM-18 6-4-09	318.83 R. A. Wood Ventus 2cxM-18 6-4-09	191.59 Barry Jaeger Arcus T 5-16-10	194.72 Barry Jaeger Arcus T 5-16-10	204.3 Brian G. Utley DG-800B 8-30-03	204.3 Brian G. Utley DG-800B 8-30-03
<b>Motorglider Multi-Place</b>				164.81 Barry Jaeger Tim Gossfeld Arcus T 4-17-10				131.88 Barry Jaeger Tim Gossfeld Arcus T 4-17-10
<b>World Class</b>					195.5 Thomas Kuhfeld PW-5 5-9-07			
<b>Ultralight</b>								
<b>Feminine Open Single-Place</b>	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
<b>Feminine Multi-Place</b>								
<b>Feminine 15 Meter</b>	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
<b>Feminine World Class</b>								
<b>Feminine Ultralight</b>								
<b>Feminine Motorglider Single-Place</b>								
<b>Feminine Motorglider Multi-Place</b>								
<b>Junior (Up to age 25) Single-Place</b>	51 W. Huemmer Ka-8b 8-25-71							
<b>Junior (Up to age 25) Multi-Place</b>								

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 0.62137 Miles (1km), Speed by 0.62137 mph (1 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)
<b>Open Single-Place</b>	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		
<b>Open Multi-Place</b>	10,600 J. Struthers  Blanik L-13 1971	7,400 J. Struthers  Blanik L-13 1971			
<b>15 Meter</b>	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		
<b>Standard</b>	10,057 Don Ingraham Jantar Standard 5-19-95	8,300 Don Ingraham Jantar Standard 5-19-95	51.39 Barry Jaeger ASW-28 7-19-09		
<b>Sports</b>	Not valid categories.		43.8 Richard Andrews  Ka-6e 5-2-95		
<b>Motorglider Single-Place</b>	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		
<b>Motorglider Multi-Place</b>					
<b>World Class</b>	8,580 Thomas Kuhfeld PW-5 5-9-07	5,541 Thomas Kuhfeld PW-5 5-9-07			
<b>Ultralight</b>					
<b>Feminine Open Single-Place</b>	10,400 P. Norgard ASK-13 5-4-80	9,300 P. Norgard ASK-13 5-4-80			
<b>Feminine Multi-Place</b>	8,756 Marilyn R. Meline Laura Hohanshelt ASK-21 5-28-07	5,736 Marilyn R. Meline Laura Hohanshelt ASK-21 5-28-07			
<b>Feminine 15 Meter</b>	9,979 Kathleen Winters Libelle H201B 6-2-06	6,535 Kathleen Winters Libelle H201B 6-2-06			
<b>Feminine World Class</b>					
<b>Feminine Ultralight</b>					
<b>Feminine Motorglider Single-Place</b>					
<b>Feminine Motorglider Multi-Place</b>					
<b>Junior (Up to age 25) Single-Place</b>	8,200 P. Norgard Blanik L-13 7-28-80	5,400 P. Norgard Blanik L-13 7-28-80			
<b>Junior (Up to age 25) Multi-Place</b>					

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)
<b>Open Single-Place</b>	68.3 Tim Gossfeld ASW-27B 5-3-09	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			
<b>Open Multi-Place</b>	46.8 Fred Hewitt Paul Remde DG-1000 7-5-09	39.59 Richard Andrews Paul Remde ASK-21 5-23-03	54.93 Richard Andrews Fred Hewitt DG-1000S 5-3-09	46.69 Fred Hewitt Marilyn Meline DG-1000 5-10-07			
<b>15 Meter</b>	68.3 Tim Gossfeld ASW-27B 5-3-09	50.85 Tim Gossfeld ASW-27B 6-21-08	56.68 Stephen Metz ASW-27B 7-24-04	62.27 Stephen Metz Schl. ASW-27B 5-25-03			
<b>Standard</b>	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			
<b>Sports</b>	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			
<b>Motorglider Single-Place</b>	77.26 R.A. Wood Ventus 2cxM-18 5-3-09	63.79 R. A. Wood Ventus 2cxM-18 5-19-10	63.03 R.A. Wood Ventus 2cxM-18 5-11-09				
<b>Motorglider Multi-Place</b>	62.31 Barry Jaeger William Jaeger Arcus T 4-18-10						
<b>World Class</b>			35.57 Thomas Kuhfeld PW-5 5-9-07				
<b>Ultralight</b>							
<b>Feminine Open Single-Place</b>			39.05 Kathleen Winters Libelle H201B 6-22-01				
<b>Feminine Multi-Place</b>							
<b>Feminine 15 Meter</b>			39.05 Kathleen Winters Libelle H201B 6-22-01				
<b>Feminine World Class</b>							
<b>Feminine Ultralight</b>							
<b>Feminine Motorglider Single-Place</b>							
<b>Feminine Motorglider Multi-Place</b>							
<b>Junior (Up to age 25) Single-Place</b>							
<b>Junior (Up to age 25) Multi-Place</b>							

Items highlighted in yellow are recent