

Associated City: Gwinner

Airport Name: Gwinner-Roger Melroe Field

	Existing	Objectives - Basic Airport	Recommended
Airside Facilities			
Primary Runway Length	5,000 Feet	3,000 Feet or Greater	
Primary Runway Width	75 Feet	NPIAS – 60 Feet; Non-NPIAS - Maintain Existing	
Taxiway Type	Connecting Taxiway	Connecting Taxiways	
Approach Type	Precision	Non-Precision (GPS)	
Lighting	MIRL	LIRL	
Visual Aids	Rotating Beacon, Lighted Wind Indicator, Segmented Circle	Wind Indicator	
NAVAIDS	PAPI	Non Required	
Weather	AWOS	Not an Objective	
Perimeter Fencing	No	Partial Perimeter Fencing	Install Perimeter Fencing
Landside Facilities			
Hangar Spaces	13 Spaces (100%)	50% of Based Aircraft	
Hangars for Transient Aircraft	Yes	Yes	
Terminal/Administration Bldg	300 Square Feet	500 Square Feet	Expand Terminal Building
Aircraft Maintenance Facility	Not Offered	Not an Objective	
Landside Services			
FBO Office	No	Not an Objective	
Agricultural Spraying	Based/Transient	Yes	
Aircraft Maintenance Staff	Not Offered	Not an Objective	
Fuel	Jet A and 100LL(Credit Card)	100LL	
Terminal/Pilot's Lounge	Phone, Restrooms and Flight Planning Room	Phone and Restrooms (Desired)	
Ground Transportation Services	Courtesy Car	Not an Objective	
Security	Terminal Lighting, Ramp Lighting and Police Patrol	Appropriate Access Restrictions	Control Airfield Access
Signage	Adequate Signage to Locate Airport from Access Road & Welcome Signage	Adequate Signage to Locate Airport from Access Road & Welcoming Signage	
Snow Removal Equipment	Yes	Yes	



North Dakota Aeronautics Commission
www.nd.gov/ndaero

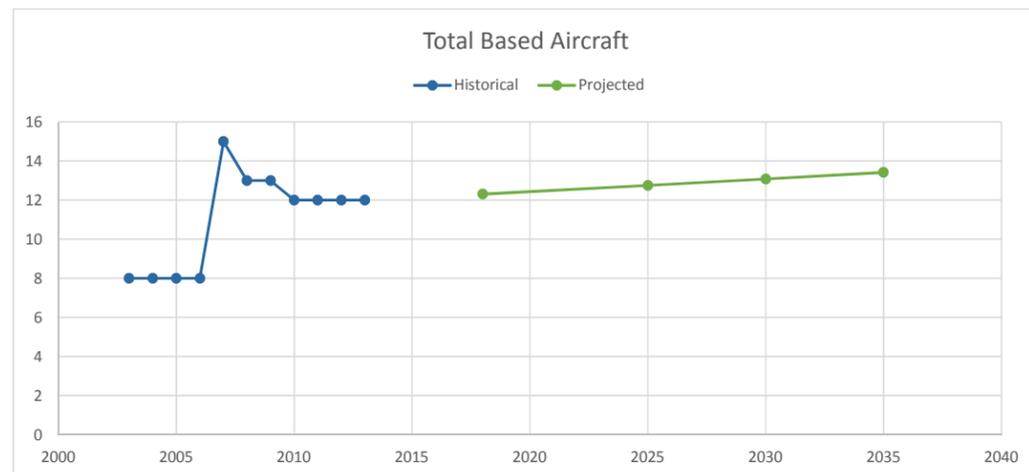
2014 NORTH DAKOTA STATE AVIATION SYSTEM PLAN GWINNER-ROGER MELROE FIELD AIRPORT



Associated City: Gwinner

Airport Name: Gwinner-Roger Melroe Field

Summary of Aviation Projections							Growth Rate:	0.51%
Gwinner Airport - Roger Melroe Field (GWR)								
Year	Operations					Total Ops	Based Aircraft	
	Itinerant		Local					
	Air Taxi	GA	Military	GA	Military			
Historical								
2003	2,100	800	0	800	0	3,700	8	
2004	2,100	800	0	800	0	3,700	8	
2005	2,100	800	0	800	0	3,700	8	
2006	2,100	800	0	800	0	3,700	8	
2007	2,100	800	20	1,600	0	4,520	15	
2008	2,100	800	20	1,200	0	4,120	13	
2009	2,100	800	20	1,200	0	4,120	13	
2010	2,100	800	20	1,200	0	4,120	12	
2011	500	800	20	1,800	0	3,120	12	
2012	500	800	20	1,800	0	3,120	12	
2013	500	800	20	1,800	0	3,120	12	
Projected								
2018	513	821	21	1,846	0	3,200	12	
2025	531	850	21	1,913	0	3,316	13	
2030	545	872	22	1,962	0	3,401	13	
2035	559	895	22	2,013	0	3,489	13	



Source: 2014 North Dakota State Aviation System Plan

Associated City: Gwinner

Airport Name: Gwinner-Roger Melroe Field

GWR

General Information		Based Aircraft	
Airport Sponsor	Gwinner	Single	10
NPIAS	Yes	Multi	2
NDSASP Classification	Basic	Jets	0
Height Zoning	Paved-Yes	Helicopters	0
Airport Layout Plan (ALP)	Yes (4/24/2012)	Gliders	0
Master Plan (Date)	Yes	Military	0
Wildlife Mgmt Plan (Date)	Yes	Ultralight	0
Airport Reference Code (ARC)	B-II	Total	12

Primary Runway		16/34	
Length	5,000		
Width	75		
Surface	ASPH-F		
Pavement Condition Index (PCI)	100		
Runway Edge Lights	MIRL		
Parallel Taxiway	Connecting		
Parallel Taxiway Lighting	No		
Runway Ends		16	34
Visual Slope Indicator		19	1
Approach Lights		14	14
Rwy End Identifier Lights		No	Yes
Instrument Approach	GPS	LPV, GPS, NDB	
Minimums	1780-1	1455-1	

Secondary Runway		06/24	
Length	2,950		
Width	100		
Surface	TURF-F		
Pavement Condition Index (PCI)	NA		
Runway Edge Lights	No		
Parallel Taxiway	No		
Parallel Taxiway Lighting	No		
Runway Ends		6	24
Visual Slope Indicator		19	19
Approach Lights		14	14
Rwy End Identifier Lights		No	No
Instrument Approach		No	No
Minimums		-	-



Legend:

Surface Code:	Type	Condition
ASPH = Asphalt	CONC = Concrete	TURF = Turf or Gravel
		E = Excellent G = Good F = Fair P = Poor
	1 = P2L PAPI 2 Left	2 = P2R PAPI 2 Right
	4 = P4R PAPI Right	5 = PSIL PLASI Left
	7 = S2L SAVASI 2 Left	8 = S2R SAVASI 2 Right
	10 = V2L VASI 2 Left	11 = V4R VASI 4 Right
	13 = V6R VASI 6 Right	14 = V6L VASI 4 Right
	16 = V16 VASI 16 both sides of rwy	15 = V12 VASI 12 both sides of rwy
	19 = None	17 = NSTD (non-standard)
		18 = PVI (priv. owned at pub. airport)
	1 = ALSAF	2 = ALSF1
	7 = SSALS	8 = SSALF
	13 = NSTD (non-standard)	9 = SSALR
		10 = NEON
		11 = ODALS
		12 = LDIN
		14 = None