

Airfield Design Standard Deficiencies

Design Standard Not Met	Corrective Action
Runway	
Runway Width	Widen Runway by 15 feet
Runway Shoulder Width	Construct 10-foot shoulders during Rwy widening
Runway Safety Area Width	Increase RSA width by 30 feet
Runway Safety Area Length Beyond RW End	Increase RSA length by 60 feet on each end of Rwy
Runway Object Free Area Width	Increase ROFA width by 250 feet
Runway Object Free Area Length Beyond RW End	Increase ROFA length by 60 feet on each end of Rwy
Runway-to-Parallel Taxiway Separation Distance	Increase separation distance by 90 feet
Runway-to-Aircraft Parking Area Separation Distance	Increase separation distance by 56 feet
Runway Protection Zone for Runway 34	Eliminate conflict between RPZ and Mt. Baker Rd.
Parallel Taxiway (A)	
Taxiway Safety Area	Increase TSA width by 30 feet
Taxiway Object Free Area	Increase TOFA width by 42 feet
Taxiway A1	
Taxiway Safety Area	Increase TSA width by 30 feet
Taxiway Object Free Area	Increase TOFA width by 42 feet
Taxiway A2	
Taxiway Safety Area	Increase TSA width by 30 feet
Taxiway Object Free Area	Increase TOFA width by 42 feet
Taxiway A3	
Taxiway Safety Area	Increase TSA width by 30 feet
Taxiway Object Free Area	Increase TOFA width by 42 feet
Taxiway A4	
Taxiway Safety Area	Increase TSA width by 30 feet
Taxiway Object Free Area	Increase TOFA width by 42 feet

Airport Capacity Deficiencies

Capacity Issue	Corrective Action
Existing hangars and tie-downs	Conduct hangar siting and apron capacity study, and prepare layout
Cargo facilities	Construct single cargo facility for UPS and FedEx package processing
Auto parking	Expand transient auto parking
Terminal building	Construct new terminal
Airport equipment storage	Construct equipment storage facility

Airport Service Deficiencies

Service Issue	Corrective Action
Lack of deice facility	Construct large drive thru hangar with infrared heating
Jet-A fuel	Consider installation of Jet-A fuel tank

Runway 16-34 Requirements

Runway	FAA Design Standard	Existing Condition	Compliance Condition If Met (☒)
Runway 16-34 (NPI/Visual)	B-II (small)	B-I (small)	
Runway Length	2,901'	2,901'	☒
Runway Width	75'	60'	
Runway Shoulder Width	10'	unknown	
Runway Safety Area Width	150'	120'	
Runway Safety Area Length Beyond RW End	300'	240'	
Obstacle Free Zone Width and Length	250' x 200'	250' x 200'	☒
Runway Object Free Area Width	500'	250'	
Runway Object Free Area Length Beyond RW End	300'	240'	
Runway Protection Zone Length	1,000'	1,000'	☒
Runway Protection Zone Inner Width	250'	250'	☒
Runway Protection Zone Outer Width	450'	450'	☒
Runway Separation, Runway centerline to:			
Holding position	125'	125'	☒
Parallel taxiway/taxilane centerline	240'	150'	
Aircraft parking area	250'	194.5'	
Building restriction line	Varies	Varies	

Sources: FAA AC 150/5300-13A