

# Airport Deferred Maintenance List

## FY 2010

Reference Number: 30633

Department of Transportation & Public Facilities

## FY2010 Aviation - Deferred Maintenance Inventory

Priority	Project Title	Project Cost (\$000)	Project Description	Location (City or Area)	Election District
1	Brush Cutting Tatilek Airport	12.0	Cut brush back along the runway and safety areas, and reestablish sight distance to windsock and at intersections. Airport has not been brush cut for three years, and vegetation grows quite swiftly in the Southcentral climatic circumstances.	Valdez District	5-C
2	Homer Airport	55.0	New segmented circle and lighted windsock	Homer	35-R
3	Sitka Airport	75.0	Supplemental Lighted Wind Cone	Sitka	
4	St. Marys Airport: Minor Road and Appurtenances Repairs	28.0	The St. Marys Airport has several assets that need major maintenance or rehabilitation, such as the fencing around the sewer lagoon, snow dump area regrading, and perimeter road regrading, brush cutting and ditching. This project would enable the District to man and execute a project to cost-effectively complete these repairs.	Western District	39-T
5	Homer Airport	120.0	Fence and gates	Homer	35-R
6	Klawock Airport Brush Cutting	20.0	Brush Cut	Klawock	
7	Copper Center Runway Dust Palliative	80.0	Apply surfacing and dust palliative. This fund would be used in addition to existing deferred maintenance funds.	Tazlina District	6-C
8	SW District Airports	145.0	Fencing and gates	Various	37-S/38-S
9	Haines Airport Drainage Improvements	75.0	Repair Airport Apron Drainage phase II	Haines	
10	Segmented Circles Repairs	75.0	Current funding is not adequate to address the regionwide issue of aging segmented circles. Painting is not enough to restore these important regulatory visual markers and many must be completely replaced. This will be a continuing issue for several years as this maintenance has been deferred too long due to budget constraints.	Northern Region	40-T, 39-T, 6-C, 12-F, 8-D, 7-D
11	Haines Airport Crack Seal	20.0	Crack seal	Haines	
12	Unalaska Airport	168.0	Sea Plane Ramp	Unalaska	37-S
13	Brush Cutting Various Interior Aviation airports	210.0	Cut brush back along the runway and safety areas, and reestablish sight distance to windsock and at intersections. Most of our Interior airports have not been brush cut for several years, and vegetation needs attention as a project focus. Airports known to need brush cutting include: Beaver, Rampart, Huslia, Ruby, Birch Creek, Stevens Village and Tanana.	Interior Aviation	6-C
14	Kongigianak and Kwigillnok Airports	50.0	"Dura-Base" floor systems for SREB's	Kongigianak & Kwigillnok	38-S
15	Kake Airport R/W Repairs	100.0	Repair Runway Dips	Kake	
16	Kotzebue Airport Repair/Replace Perimeter Fencing & Gate	35.0	The Kotzebue Airport fence has not seen any substantive repairs in years, and is drawing negative attention from the FAA/TSA during every inspection, clearly needing repair or full replacement in some areas. The traffic control gate at R/W 09 needs to be completed and brought into service.	Western District	40-T
17	Quartz Creek Airport	64.0	Runway surface course	Quartz Creek	34-Q
18	Kake Airport Crack Seal	25.0	Crack seal	Kake	
19	Gulkana Airport Old Tower Removal	50.0	Remove old windsock/beacon tower. This is a large tower that requires special equipment for removal	Tazlina District	6-C
20	Tuluksak Airport	70.0	Runway repair and materialmining and stockpile	Tulusak	38-S
21	Yakutat Airport Brushing	50.0	Level Line of Sight Triangle, Phase I	Yakutat	

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22	Regionwide Airport Electrical Repairs & Upgrades: Lighting & Nav Aids	350.0	Replace, repair, or upgrade various electrical elements (by contracting out to competent electrical sub-contractors tasks that involve significant repair effort) at many airports, regionwide. Activities envisioned include: repairing or replacing runway and taxiway light cans, LED RW lights and Distance To Go markers, conduit and wire, taxiway signage and/or lighted wind-cones at various Northern Region airports. Replacement of ailing regulators may also be necessary. Additionally, the FAA has recently been citing us during cert inspections about the need to provide lighted supplemental windcones at all certificated airports. Doing staged changeover to LED lit windcones is also envisioned, over time. Airports identified to have serious electrical repair needs include 1) all 6 certificated airports for the supplemental windcones, and 2) over a dozen airports needing various other electrical misc. items, such as Kotzebue and Birch Creek.	Northern Region	40-T, 39-T, 6-C, 12-F, 8-D, 7-D
23	SW District Airports	85.0	New regulator and transformers	Various	37-S/38-S
24	Petersburn Airport Security Gate	30.0	Security Access Gate Replacement	Petersburg	
25	Tazlina Airport Runway Improvements	80.0	Continuing improving the runway base and extend the safety areas.	Tazlina District	6-C
26	Y-K Delta Airports	65.0	Equipment moves and brush cutting	Various	37-S/38-S
27	Gustavus Airport Crack Seal	25.0	Crack seal	Gustavus	
28	Kotzebue Airport - R/W 17-35 D-1 Surfacing & Dust Palliative	300.0	The short, gravel-surfaced cross-wind runway at Kotzebue needs additional D-1 surfacing, and dust control attention.	Western District	40-T
29	Adak Airport	75.0	Safety Area improvement	Adak	37-S
30	Gustavus Airport Striping	25.0	Enhanced Taxiway Markings	Gustavus	
31	Chistochina Runway Surfacing	40.0	Apply surfacing to extend the life until relocation can be completed.	Tazlina District	
32	Regionwide Surface Maintenance (Blading & shaping with compaction, to re-establish runway crown)	250.0	This project will fund the surface maintenance (blading) of numerous rural airports throughout the Region (including non-NPIAS airports). This project will fund transportation, personnel, equipment, and contract costs for pro-active blading of rural gravel runways, by excellent motor grader operators. Due to the cost of transportation and the limited availability of personnel, many rural airports do not receive the proper surface maintenance during the limited summer season.	Northern Region	40-T, 39-T, 6-C, 12-F, 8-D, 7-D
33	Airport Surfacing Aggregate Stockpiles	300.0	Many of our NR Airports have no remaining D-1 stockpiles which would be used for significant surfacing repairs (Federal projects) and general maintenance. These stockpiles will allow the Department to respond to natural disasters and other unforeseen situations that require specialized crushed materials (requiring long lead-time to procure and provide) to repair. Currently, the lack of available stockpiles seriously impacts the Department's response in effectuating prompt surfacing repairs, causing less than satisfactory aviation operations. This funding will also allow for the barging of material to airports without construction projects in the foreseeable future.	Northern Region	40-T, 39-T, 6-C, 12-F, 8-D, 7-D
34	Security/Perimeter Fencing at 4 Certificated Airports	160.0	As with Kotzebue, the TSA is applying increased scrutiny regarding our airport fencing. Nome has worked hard, recently, to get their fences in order, but all of our other certificated airport sites have fence repair/rehab work to be done, which exceeds the normal GF funding available: Barrow, Deadhorse, Cordova, Valdez	Northern Region	12-F, 5-C, 40-T
35	Kotzebue Airport Fill alongside R/W (to eliminate existence of bird attractant area)	300.0	An area just west of the 35 threshold of R/W 17-35 (size = 75' x 2,000') is a bird attractant area, and Kotzebue has experienced bird strikes. Dave Wahto, FAA Cert Inspector, has recommended that this area be filled to eliminate this hazard.	Northern Region	40-T

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36	Prepare Environmental Assessments and Execute the Removal of Environmentally Complicated Structures on NR Airport Lease Lots SW District Airports	200.0	At least 15 of our NR airports have otherwise viable and valuable lease lots with abandoned buildings on them. Letting a multi-site contract to assess the buildings at most of these locations, and then accomplish the recommended hazmat mitigation and building sales or removals, would result in the return of these lots to productive aviation or community use.	Northern Region	40-T, 39-T, 6-C, 12-F, 8-D, 7-D
37	Kodiak Airport	32.0	Wind socks and poles	Various	37-S/38-S
38	Sitka Airport	45.0	Lighting system replacement	Kodiak	36-R
39	Sitka Airport Striping	\$20.0	Enhances Taxiway Markings	Sitka	
40	Petersburg Airport Striping	\$20.0	Enhanced Taxiway Markings	Petersburg	
41	Wrangell Airport Striping	\$20.0	Enhanced Taxiway Markings	Wrangell	
42	Yakutat Airport Crack Seal	\$30.0	Crack Seal	Yakutat	
43	Yakutat Airport Brush Cutting	\$25.0	Brushing	Yakutat	
44	Gustavus Airport Brushing	\$15.0	Brushing	Gustavus	
45	Sitka Airport Crack Sealing	\$25.0	Crack Seal	Sitka	
46	Sitka Airport Wind Cone	\$20.0	Replace Lighted Wind cone, Runway 11 (base is in good shape but needs new mast and wind cone)	Sitka	
47	Sitka Airport Brushing	\$20.0	Cut brush with excavator	Sitka	
48	Wrangell Airport Fog Seal	\$120.0	Fog seal apron	Wrangell	
49	Ketchikan Airport Obstruction Survey	\$25.0	Obstruction Survey	Ketchikan	
50	Hoonah Airport Obstruction Survey	\$25.0	Obstruction Survey	Hoonah	
51	Haines Airport Gate	\$45.0	Security Access Gate Replacement	Haines	
52	Yakutat Airport Obstruction Survey	\$25.0	Obstruction Survey	Yakutat	
53	Kake Airport Gates	\$75.0	Install maintenance access gates	Kake	
<b>Aviation Deferred Maintenance</b>		<b>4,399.0</b>			