



U.S. Department  
of Transportation  
**Federal Aviation  
Administration**

*Mark*  
**Memorandum**

Subject: Program Guidance Letter 99-2

Date: MAR 30 1999

From: Acting Manager, Airports Financial  
Assistance Division, APP-500

Reply to  
Attn. of:

To: PGL Distribution List

99-2.1 Runway Safety Area (RSA) priority under the National  
Priority System - Cameron Bryan (202) 267-8816.

Program Guidance Letter (PGL) 98-2, Revision to the National  
Priority System, Attachment E, provides national priority  
ratings for all eligible Airport Improvement Program (AIP)  
development and planning projects. This PGL serves to  
clarify the use of RSA coding and subsequent priorities.

Two project descriptions and associated ACIP codes are shown  
in Attachment E for constructing, extending, or improving  
RSAs:

1 - <Construct/Extend/Improve> Runway {name} Safety  
Area [Required by Part 139] **SA RW SF**

2 - <Construct/Extend/Improve> Runway {name} Safety  
Area **ST RW SF**

For ACIP formulation, **SA RW SF** shall be used for primary  
airports only and only to the extent where it can be  
determined practicable given thorough consideration of AIP  
funding levels. Subsequently, all non-primary airports,  
including those holding a full or limited airport operating  
certificate, shall use **ST RW SF**. Please refer to the new  
project descriptions below:

1 - <Construct/Extend/Improve> Runway {name} Safety  
Area [Primary Airports] **SA RW SF**

2 - <Construct/Extend/Improve> Runway {name} Safety  
Area [Non-Primary Airports] **ST RW SF**

Attachment E has been updated to reflect these changes. Please use the revised Attachment E effective immediately, and replace the Attachment E of PGL 98-2, dated September 30, 1998. Please refer any questions to APP-520.

*Stan Lou*

Stan Lou

Attachment

Canceled

PROJECT DESCRIPTION	ACIP Codes			Airport Code			
	Purpose	Component	Type	A	B	C	D
				5	4	3	2
<b>APRON</b>							
Construct {name} Apron	CA	AP	CO	56	54	52	50
Expand {name} Apron	CA	AP	EX	47	46	44	42
Construct {name} Apron (environmental mitigation)	EN	AP	CO	66	64	62	60
Rehabilitate {name} Apron	RE	AP	IM	62	60	58	56
Construct {name} Apron	ST	AP	CO	46	44	43	41
Expand/Strengthen {name} Apron	ST	AP	IM	42	41	39	38
Install {name} Apron Lighting	ST	AP	LI	42	41	39	38
<b>BUILDINGS</b>							
<Construct/Expand/Improve/Modify/Rehabilitate> ARFF Building [ Pt. 139 only]	SA	BD	EX	73	71	68	66
<Construct/Expand/Improve/Modify/Rehabilitate> {describe} Building	ST	BD	MS	34	32	31	29
<Construct/Expand/Imp/Modify/Rehabilitate> <SRE/Chemical Storage Building/etc.>	ST	BD	SN	41	39	38	36
<b>EQUIPMENT</b>							
Acquire Driver's Enhanced Vision System	ST	EQ	MS	41	40	38	37
Acquire Interactive Training System	OT	EQ	MS	25	24	23	22
Acquire ARFF Vehicle [required by Part 139 only]	SA	EQ	RF	98	95	93	90
Acquire ARFF Safety Equipment {describe} [required by Part 139]	SA	EQ	RF	98	95	93	90
Acquire Security Equipment/Install Fencing (e.g., access control) [required by Part 107]	SA	EQ	SE	86	83	81	78
Acquire Aircraft Deicing Equipment	ST	EQ	DI	43	41	40	38
<Acquire/Install/Rehabilitate> Emergency Generator	ST	EQ	LI	47	45	44	42
Acquire ARFF Safety Equipment {describe} [not required by Part 139]	ST	EQ	MS	41	40	38	37
Acquire Equipment (e.g., Sweepers, etc.)	ST	EQ	MS	41	40	38	37
Acquire ARFF Vehicle [not required by Part 139]	ST	EQ	RF	50	49	47	46
Acquire Security Equipment/Install Perimeter Fencing (e.g., access control) [not Part 107]	ST	EQ	SE	43	41	40	38
Acquire <SRE/Urea Truck/etc.>	ST	EQ	SN	48	47	45	44
Acquire Friction Measuring Equipment	ST	EQ	SR	47	45	44	42
Install Weather Reporting Equipment (describe, e.g., AWOS)	ST	EQ	WX	47	45	44	42
<b>FINANCE</b>							
Administrative Costs (PFC)	OT	FI	AD	0	0	0	0
Financing Costs	OT	FI	BO	0	0	0	0
<b>GROUND TRANSPORTATION</b>							
<Construct/Expand/Improve/Modify/Rehabilitate> <Inter/Intra> Terminal People Mover	OT	GT	PM	18	17	16	15
<Construct/Expand/Improve/Modify/Rehabilitate> Access Rail	OT	GT	RL	18	17	16	15
<Construct/Expand/Improve/Modify/Rehabilitate> Access Road	OT	GT	AC	23	22	21	20
<Construct/Expand/Improve/Modify/Rehabilitate> Service Road	OT	GT	SV	22	21	20	19

PROJECT DESCRIPTION	ACIP Codes			Airport Code			
	Purpose	Component	Type	A	B	C	D
				5	4	3	2
<b>HELIPORT</b>							
<Construct/Expand/Improve/Modify/Rehab> Helipad/Heliport	ST	HE	CO	52	50	49	47
<b>RESIDENCE</b>							
Noise Mitigation measures for residences outside 65 DNL	EN	HO	60	46	44	42	40
Noise Mitigation measures for residences within 65 - 69 DNL	EN	HO	65	56	54	52	50
Noise Mitigation measures for residences within 70 - 74 DNL	EN	HO	70	63	61	59	57
Noise Mitigation measures for residences within 75 DNL	EN	HO	75	70	68	66	64
<b>LAND</b>							
Acquire <land/easement> for noise compatibility/relocation (# relocated) outside 65 DNL	EN	LA	60	46	44	42	40
Acquire <land/easement> for noise compatibility/relocation (# relocated) within 65 - 69 DNL	EN	LA	65	56	54	52	50
Acquire <land/easement> for noise compatibility/relocation (# relocated) within 70 - 74 DNL	EN	LA	70	63	61	59	57
Acquire <land/easement> for noise compatibility/relocation (# relocated) within 75 DNL	EN	LA	75	70	68	66	64
Acquire <land/easement> for development/relocation (list parcels and/or # relocated)	ST	LA	DV	41	40	38	37
Acquire miscellaneous land (describe, e.g., land for outer marker, relocate road)	ST	LA	MS	40	38	37	35
Acquire land/easement for approaches (list parcels)	ST	LA	SZ	45	44	42	41
<b>NEW AIRPORTS</b>							
Construct New Airport	CA	NA	CO	54	52	50	49
Acquire [existing] Airport	ST	NA	AQ	35	34	32	31
Construct New Airport	ST	NA	CO	44	43	41	40
<b>OTHER</b>							
Construct Deicing Containment Facility	EN	OT	DI	61	59	57	55
Noise Mitigation Measures [miscellaneous]	EN	OT	MS	58	56	54	52
Environmental Mitigation	EN	OT	MT	61	59	57	55
Install Noise Monitoring System/Equipment	EN	OT	NO	63	61	59	57
<Construct/Improve/Repair> <Fuel Farm/Utilities> [MAP]	OT	OT	FF	20	19	18	17
<Construct/Rehabilitate> Parking Lot [non revenue producing-non hub/MAP]	OT	OT	PA	19	18	17	16
<Light/Mark/Remove> Obstructions (list location)[hazard only e.g., approaches]	SA	OT	OB	95	93	90	88
Install <Guidance Signs/ Runway Incursion Caution Bars> [required by Part 139]	SA	OT	SG	92	90	87	85
Install <Guidance Signs/ Runway Incursion Caution Bars> [non Part 139 CS]	SP	OT	SG	80	77	75	73
<Install/Rehabilitate> Airport Beacons [required by Part 139]	SA	OT	VI	89	87	84	82
Install miscellaneous <NAVAIDS/Approach Aids> (seg, circle, beacon, etc., Not ALS)	SP	OT	IN	74	72	70	68
Install miscellaneous <NAVAIDS/Approach Aids> (seg, circle, beacon, etc., Not ALS)	ST	OT	IN	43	42	40	39
Improve Airport <Drainage/Erosion Control/miscellaneous improvements>	ST	OT	IM	45	44	42	41
<Light/Mark/Remove> Obstructions (location)	ST	OT	OB	49	47	46	44
Construct ARFF Training Facility/Regional Burn Pit/Mobile Training Facility	ST	OT	RF	49	47	46	44

PROJECT DESCRIPTION	ACIP Codes			Airport Code			
	Purpose	Component	Type	A	B	C	D
				5	4	3	2
Install <Guidance/other> Signs [not Part 139]	ST	OT	SG	47	45	44	42
Construct Deicing Containment Facility	ST	OT	DI	41	40	38	37
<b>PUBLIC BUILDINGS</b>							
Noise Mitigation measures for public buildings outside 65 DNL	EN	PB	60	46	44	42	40
Noise Mitigation measures for public buildings within 65 - 69 DNL	EN	PB	65	56	54	52	50
Noise Mitigation measures for public buildings within 70 - 74 DNL	EN	PB	70	63	61	59	57
Noise Mitigation measures for public buildings within 75 DNL	EN	PB	75	70	68	66	64
<b>PLANNING</b>							
Conduct <EA/EIS/Feasibility> <study/update>	EN	PL	MA	68	66	64	62
Conduct Noise Compatibility Plan study/update {Part 150}	EN	PL	NO	63	61	59	57
Conduct Ground Transportation/Rail Study	PL	PL	AC	63	61	59	57
<Conduct/Update> <Airport Master Plan Study {ALP, EA, etc.}>	PL	PL	MA	68	66	64	62
Conduct/Update Metropolitan System Plan Study	PL	PL	ME	63	61	59	57
<Conduct/Update> {name} (e.g., Pavement Maintenance Plan, PCI, NPDES, Y2K, etc.)	PL	PL	MS	58	56	54	52
<Conduct/Update> State System Plan Study	PL	PL	ST	66	64	62	60
Conduct Vertiport/Tiltrotor Plan	PL	PL	VT	51	49	47	45
<b>RUNWAYS</b>							
Construct Runway {name}	CA	RW	CO	64	63	61	59
Extend Runway {name}	CA	RW	EX	56	54	53	51
Construct Runway {name} (environmental mitigation)	EN	RW	CO	76	74	72	70
Rehabilitate Runway {name}	RE	RW	IM	72	70	68	66
Rehabilitate Runway <Lighting/Electrical Vault>	RE	RW	LI	72	70	68	66
Install Runway Lighting ( HIRL, MIRL) [Required by Part 139]	SA	RW	LI	97	94	92	89
Install Runway Lighting (HIRL, MIRL) [non Part 139 CS]	SP	RW	LI	84	81	79	77
<Construct/Extend/Improve> Runway {name} Safety Area [Primary Airports]	SA	RW	SF	97	94	92	89
<Apply Friction Course/Groove> Runway	SP	RW	FR	86	84	82	80
Install Runway {name} distance-to-go Signs	SP	RW	SG	86	84	82	80
Install Runway {name}<Vertical/Visual> Guidance System [PAPI/VASI/REIL/ALS/etc.]	SP	RW	VI	84	81	79	77
Construct Runway {name} [includes relocation]	ST	RW	CO	53	52	50	49
<Construct/Extend/Improve> Runway {name} Safety Area [Non-Primary Airports]	ST	RW	SF	50	48	47	45
Install Runway Lighting (HIRL, MIRL, TDZ, LAHSO or CL)	ST	RW	LI	50	48	47	45
<Extend/Widen/Strengthen> Runway {name} [to meet standards]	ST	RW	IM	50	48	47	45

PROJECT DESCRIPTION	ACIP Codes			Airport Code			
	Purpose	Component	Type	A	B	C	D
				5	4	3	2
Install <full/partial> Instrument Approach Aid (describe, e.g., install localizer]	ST	RW	IN	48	46	45	43
Install Runway (name) Sensors	ST	RW	SR	50	48	47	45
Install Runway (name) <vertical/visual> Guidance System (PAPI/VASI/REIL/ALS/etc.)	ST	RW	VI	50	48	47	45
<b>SEAPLANE BASES</b>							
Rehabilitate Seaplane <ramp/floats>	RE	SB	IM	72	70	68	66
<Construct/Improve/Modify> Seaplane ramp/floats	ST	SB	CO	53	52	50	49
<b>TERMINAL DEVELOPMENT</b>							
Construct Terminal Building	CA	TE	CO	49	47	45	43
Expand Terminal Building	CA	TE	EX	40	39	37	35
<Improve/Modify/Rehabilitate> Terminal Building	CA	TE	IM	44	43	41	39
Construct Terminal Building	ST	TE	CO	40	38	37	35
Expand Terminal Building	ST	TE	EX	32	31	29	28
<Improve/Modify/Rehabilitate> Terminal Building	ST	TE	IM	36	35	33	32
Acquire Handicap Passenger Lift Device	ST	TE	MS	31	29	28	26
<b>TAXIWAYS</b>							
Construct Taxiway (name)	CA	TW	CO	61	59	57	56
Extend Taxiway	CA	TW	EX	53	51	49	47
Construct Taxiway (name) (environmental mitigation)	EN	TW	CO	72	70	68	66
Rehabilitate Taxiway	RE	TW	IM	68	66	64	62
Rehabilitate Taxiway (name) Lighting	RE	TW	LI	68	66	64	62
Install Taxiway (name) Lighting (MITL) (Required by Part 139)	SA	TW	LI	92	89	87	84
Install Taxiway (name) Lighting (MITL) (non Part 139 CS)	SP	TW	LI	79	77	75	72
Construct Taxiway (name) [includes relocation]	ST	TW	CO	50	49	47	46
<Extend/Widen/Strengthen> Taxiway (name)	ST	TW	IM	47	45	44	42
Install Taxiway (name) Lighting (SMGCS, reflectors, MITL)	ST	TW	LI	47	45	44	42
Install Taxiway (name) Sensors	ST	TW	SR	47	45	44	42
<b>VERTIPOINTS</b>							
<Construct/Expand/Improve/Modify/Rehabilitate> Vertipoint	ST	VT	IM	41	39	38	36

A = Airport Code (2 to 5 pts.):

Primary Commercial Service Airports

A = Large and Medium Hub = 5 pts

B = Small and Non Hub = 4 pts

Non Primary Commercial Service, Reliever, and General Aviation Airports.

Aircraft/Itinerant Operations

A = 100 or 50,000 = 5 pts

B = 50 or 20,000 = 4 pts

C = 20 or 8,000 = 3 pts

D = <20 and <8,000 = 2 pts

$$\text{Priority Equation} = k5 \cdot P \cdot (k1 \cdot A + k2 \cdot P + k3 \cdot C + k4 \cdot T) + k6 / P$$

$$\text{Priority Number} = .25P(A + 1.4P + C + 1.2T)$$

k1 =	1.00
k2 =	1.40
k3 =	1.00
k4 =	1.20
k5 =	0.25
k6 =	0.00