	Airport	Layout	Plan	(ALP)	Checklist	Updated: 02/10/06						
	Proposed airport improvements must be pursuant to 49 U.S.C. Section 47107 (a)(16): Utilization of Navigable Airspace must be pursuant to 49 U.S.C. 44718 and 14 CFR part 77. All projects depicted on the ALP are subject to NEPA Environmental Analysis. The proposed project must meet the conditions described in Chapter 3 of FAA Order 1050.1E, Environmental Impacts; Policies and Procedures, and/or FAA Order 5050.4A, Airport Environmental Handbook, as appropriate.											
	The ALP Checklist reflects of Design, Change 9, Appendix Airport Marking, and AC 150, Formulation of the NPIAS.	7, and AC 15	0/5070-61	B, Airpor	t Master Plans, Appendix F	, and AC 150/5340-1H, Sta	ndards for					
	Airport:		Reviewed	By:		Review Date:						
	Airport Reference Code (ARC)):	*Include Wi		<pre>ircraft: pproach Speed. Critical A/C must nt operations, as per FAA Order 5</pre>		y Minimum: e, 1/2 Mile, CAT					
	Runway: ARC:		Critical Air Wing Span: Approach Spe		Knots							
	Runway: ARC:		Critical Air Wing Span: Approach Spe		Knots							
	Runway: ARC:		Critical Air Wing Span: Approach Spe	ed:	Knots							
	Runway: ARC:		Critical Air Wing Span: Approach Spe		Knots							
	Note: Any proposed change to	o ARC design	ation, ir	n near-te	rm Planning horizon (1-5 y	ears), to accomodate prop	osed Regional					
	Jets (RJ) airline commercia: an Airline Commitment Lette r											
	an <u>Airline Commitment Lette</u>		ust be su	upported	by both an FAA Approved Fo		er Plan) and					
	an <u>Airline Commitment Lette</u>	r. . ALP Runwa	ust be su ay Config	upported Juration I	by both an FAA Approved Fo Drawing	recast (from Airport Mast	er Plan) and					
{ } { } { } { }	an Airline Commitment Letter I ALP Drawing Set must be date Signatory Authority. (1) Sponsor Cover Letter - 1 Identify the purpose and new ACIP update, Airport Master Identify any and all changes Specify/Identify what FAA's	E. ALP Runwa ed and have Listing all ed for submi Plan update s from the a action is	ay Config an "Origi changes t ssion (i.). (approval	upported uration 1 inal sign to ALP, s .e. compl last ALP l or reva	by both an FAA Approved Fo prawing ature" from Airport Sponso ince last submittal. etion of AIP #, PFC applic approval. lidation).	recast (from Airport Mast Commen r's ation,	er Plan) and					
{ } { } { } { }	an <u>Airline Commitment Letter</u> I ALP Drawing Set must be date Signatory Authority. (1) Sponsor Cover Letter - 1 Identify the purpose and nee ACIP update, Airport Master Identify any and all changes	E. ALP Runwa ed and have Listing all ed for submi Plan update s from the a action is	ay Config an "Origi changes t ssion (i.). (approval	upported uration 1 inal sign to ALP, s .e. compl last ALP l or reva	by both an FAA Approved Fo prawing ature" from Airport Sponso ince last submittal. etion of AIP #, PFC applic approval. lidation).	recast (from Airport Mast Commen r's ation,	er Plan) and					
{ } { } { } { }	an Airline Commitment Letter I ALP Drawing Set must be date Signatory Authority. (1) Sponsor Cover Letter - 1 Identify the purpose and new ACIP update, Airport Master Identify any and all changes Specify/Identify what FAA's Provide Point-of-Contact (sp	E. ALP Runwa ed and have Listing all ed for submi Plan update s from the a action is ponsor and/o	ay Config an "Origi changes t ssion (i.). (approval	upported uration 1 inal sign to ALP, s .e. compl last ALP l or reva	by both an FAA Approved Fo prawing ature" from Airport Sponso ince last submittal. etion of AIP #, PFC applic approval. lidation).	recast (from Airport Mast Commen r's ation,	er Plan) and					
{ } { } { } { } { } { }	an Airline Commitment Letter I ALP Drawing Set must be date Signatory Authority. (1) Sponsor Cover Letter - 1 Identify the purpose and new ACIP update, Airport Master Identify any and all changes Specify/Identify what FAA's Provide Point-of-Contact (sp (2) Scale	E. <u>ALP Runwa</u> ad and have Listing all ed for submi Plan update s from the a action is ponsor and/o <u>36".</u> complex, air	ay Config an "Origi changes t ssion (i.)). (approval r consult ports free	upported uration H inal sign to ALP, s .e. compl last ALP l or reva tant) and equently	by both an FAA Approved Fo prawing ature" from Airport Sponso ince last submittal. etion of AIP #, PFC applic approval. lidation). phone number for any ques use larger sheet sizes for	recast (from Airport Mast Commen r's ation, tions.	er Plan) and					
	<pre>an Airline Commitment Letter I ALP Drawing Set must be date Signatory Authority. (1) Sponsor Cover Letter - 1 Identify the purpose and nee ACIP update, Airport Master Identify any and all changes Specify/Identify what FAA's Provide Point-of-Contact (sp (2) Scale Sheet size - Standard 24" x Please note: Larger, more of readability; in such cases, Scale - Stay within range of </pre>	<pre>E. . ALP Runwa ed and have Listing all ed for submi Plan update s from the a action is ponsor and/o 36". complex, air the proport f 1" = 200'</pre>	ay Config an "Origi changes t ssion (i.). irport's (approval r consult ports fre ion of 2 to 1" = (upported uration I inal sign to ALP, s .e. compl last ALP l or reva tant) and equently 4"x36" ma 600' (1:2	by both an FAA Approved Fo brawing ature" from Airport Sponso ince last submittal. etion of AIP #, PFC applic approval. lidation). phone number for any ques use larger sheet sizes for y be maintained. 000 to 1:8000).	recast (from Airport Mast Commen r's ation, tions.	er Plan) and					
	an Airline Commitment Letter I ALP Drawing Set must be date Signatory Authority. (1) Sponsor Cover Letter - 1 Identify the purpose and new ACIP update, Airport Master Identify any and all changes Specify/Identify what FAA's Provide Point-of-Contact (sp (2) Scale Sheet size - Standard 24" x Please note: Larger, more of readability; in such cases, Scale - Stay within range of Runway Configuration Drawing (3) North Point and Datum Re Indicate both True and Magne	<pre>E. . ALP Runwa ed and have Listing all ed for submi Plan update s from the a action is ponsor and/o f 1" = 200' g scale must eferences - etic North</pre>	ay Config an "Origi changes t ssion (i.). irport's (approval r consult ports frr ion of 24 to 1" = 6 be clear	upported uration I inal sign to ALP, s .e. compl last ALP l or reva tant) and equently 4"x36" ma 500' (1:2 r and rea	by both an FAA Approved Fo brawing ature" from Airport Sponso ince last submittal. etion of AIP #, PFC applic approval. lidation). phone number for any ques use larger sheet sizes for y be maintained. 000 to 1:8000). dable.	recast (from Airport Mast Commen r's ation, tions. Refer to AC 150/53	er Plan) and					
	an Airline Commitment Letter I ALP Drawing Set must be date Signatory Authority. (1) Sponsor Cover Letter - I Identify the purpose and new ACIP update, Airport Master Identify any and all changed Specify/Identify what FAA's Provide Point-of-Contact (sp (2) Scale Sheet size - Standard 24" x Please note: Larger, more of readability; in such cases, Scale - Stay within range of Runway Configuration Drawing (3) North Point and Datum Red Indicate both True and Magne Year of the Magnetic Decline North Arrow is to the top of to the left)	<pre>E. . ALP Runwa ed and have Listing all ed for submi Plan update s from the a action is ponsor and/o f 1" = 200' g scale must efferences - etic North ation f the sheet.</pre>	<pre>ust be su ay Config an "Origi changes t ssion (i.)). irport's (approval r consult ports fre ion of 24 to 1" = { be clean www.ngs.r (If not</pre>	upported uration I inal sign to ALP, s .e. compl last ALP l or reva tant) and equently 4"x36" ma 600' (1:2 r and rea moaa.gov/ practica	by both an FAA Approved Fo brawing ature" from Airport Sponso ince last submittal. etion of AIP #, PFC applic approval. lidation). phone number for any ques use larger sheet sizes for y be maintained. 000 to 1:8000). dable. AERO/aero.html ble, orient North so that	recast (from Airport Mast Commen r's ation, tions. Refer to AC 150/53 Airport Design, Ag	er Plan) and					
	an Airline Commitment Letter I ALP Drawing Set must be date Signatory Authority. (1) Sponsor Cover Letter - 1 Identify the purpose and new ACIP update, Airport Master Identify any and all changes Specify/Identify what FAA's Provide Point-of-Contact (sp (2) Scale Sheet size - Standard 24" x Please note: Larger, more of readability; in such cases, Scale - Stay within range of Runway Configuration Drawing (3) North Point and Datum Re Indicate both True and Magmet North Arrow is to the top of	<pre>E. . ALP Runwa ed and have Listing all ed for submi Plan update s from the a action is ponsor and/o complex, air the proport f 1" = 200' g scale must eferences - etic North ation f the sheet. um 1983 - (H</pre>	<pre>ust be su ay Config an "Origi changes t ssion (i). irport's (approval r consult ports fre ion of 24 to 1" = 6 be clean www.ngs.n (If not orizontal</pre>	upported uration I inal sign to ALP, s .e. compl last ALP l or reva tant) and equently 4"x36" ma 600' (1:2 r and rea noaa.gov/ practica l coordin	by both an FAA Approved Fo brawing ature" from Airport Sponso ince last submittal. etion of AIP #, PFC applic approval. lidation). phone number for any ques use larger sheet sizes for y be maintained. 000 to 1:8000). dable. AERO/aero.html ble, orient North so that ates).	recast (from Airport Mast Commen r's ation, tions. Refer to AC 150/53 Airport Design, Ap it is	er Plan) and					

(4) All Weather 36 Point Wind Rose - (AC) 150/5300-13 Appendix 1, Wind Analysis Criteria.	
preferred. Records of lesser duration	e last 10 consecutive years of wind observations is may be acceptable on a case-by-case basis. A data is required for an ALP stemming from a Site	
Selection Study.		
} Cite data source (i.e., Weather Static	n).	
Cite period of time covered.		
Cite Number of Observations.]
Include individual and combined covera	ge for:	
} Runways with 10.5 knots crosswind.		
Runways with 13 knots crosswind.		
Runways with 16 knots crosswind.		
Runways with 20 knots crosswind.		
(5) Airport Reference Point (ARP)		
Existing ARP with Latitude and Longitu	de to pearest second	
) Ultimate ARP with Latitude and Longitu		
, offinate fill with fatteade and fongitt		
(6) Approach Visibility Minimums		
(0) Approach visibility Almandus <u>Minimum</u>	Runway End	
Visual	<u>Runway End</u>	
1 Mile		
3/4 Mile		
1/2 Mile		
CAT II		
CAT III		
<pre>(7) Object Free Areas (OFA) Dimension allowed. } Standard OFA Length Beyond Stop End of</pre>	s - A/C ground maneuvering, taxi, and holding Rwy and Width.	
(8) Runway Safety Area (RSA) - Must be	clear and graded; frangible NAVAIDS allowed.	See #28 , Nonstandard RSA.
Standard RSA Length Beyond Stop End of	an Ann an an Ann an a	
· · · · · · · · · · · · · · · · · · ·		
(9) Obstacle Free Zone (ROFZ)		
maneuvering allowed. ROFZ required at	unless frangible NAVAIDS (fixed functoin), no A/C all Airports: Precision Instrument, NonPrecision xiways, Aprons, Roadways, Penetrations must be	
} Standard OFZ Length Beyond Stop End of	Rwy and Width.	
}		
	When no object other than frangible NAVAIDS	
	penetrates the ROFZ. To maintain clarity, place	
	statement text at a location centerline to runway	
Print "NO OFZ OBJECT PENETRATIONS"	ends and beyond the RPZ.	
	ns exist, please include a table listing the	
objects and proposed disposition indic	ating how they will be eliminated.	
(9a) Inner - Approach OFZ (see Chapte	r 3, Para 306a).	
} Not Applicable.		1
}		
}	as Annroach Lighting System (AIS) ALCE_2 MALED	
	as Approach Lighting System (ALS), ALSF-2, MALSR,	
MALS, MALSF. Use a 2nd Drawing Sheet t	o depict Inner Approach and Inner Transitional OFZ.	
MALS, MALSF. Use a 2nd Drawing Sheet t Begins 200 Feet from Runway Threshold	o depict Inner Approach and Inner Transitional OFZ. with 50:1 Slope.	
MALS, MALSF. Use a 2nd Drawing Sheet t	o depict Inner Approach and Inner Transitional OFZ. with 50:1 Slope.	

	1
(9b) Inner - Transitional OFZ - (See Chapter 3, Para 306b) - Applies if Runway has Visibility Minimum of Lower than 3/4 Statute Mile.	
Please depict on Transitional OFZ on the Inner Approach Drawing. Horizontal Scale 1"=200'; Vertical Scale 1"=20'. Refer to AC 150/5070B-6B, Airport Master Plans, Appendix	
F. Not Applicable.	
Applicable.	J
1) For Rwys that serve Small aircraft (12,500 pounds or less):	
3:1 Slope out from edges of the ROFZ.	
] Inner -Approach OFZ to height (H) of 150 feet above airport elevation.	
2) For Rwys that serve Large aircraft (over 12,500 pounds):	
, CAT I - 6:1 Slope out from edges of ROFZ with H of 150 feet above airport elevation.	
CAT II/III - From edge of ROFZ rises Vertically to H, then 5:1 Slope out to a distance (Y) from Rwy Centerline, then Slopes 6:1 out to height of 150 feet above airport	
elevation.	
(9c) Precision Obstacle Free Zone (POFZ) - (See Chapter 3, Para 306d). The POFZ is	See Figure A. Precision
	Obstacle Free Zone (POFZ)
} Not Applicable.	Į
Applicable. In effect only when operational condition includes: Vertically guided approach and reported visibility of less than 3/4 mile.(Only a Precision Instrument	
Approach provides both Vertical & Horizontal guidance) Centered on extended runway centerline, 200' long x 800' feet wide.	
, concerca on enconada ranna, concertano, roo rong n ooo reed nade.	
(10) Threshold Details - See AC 150/5300, Appendix 2, Figure A2-1, Dimensional Standards for locating thresholds.	See Figure B. Threshold Siting Surface
Note: The threshold siting surface may be depicted on the drawing with dimensions to facilitate identifying object penetrations.	
Threshold Elevation NAVD 88.	
Displaced Threshold dimension from Runway end.	
Print "NO THRESHOLD SITING SURFACE OBJECT PENETRATIONS" when no object penetrates the threshold siting surface.	
Table depiction - If object penetrations exist provide a table listing objects and proposed disposition indicating how they will be eliminated.	
(11) Dunway Detaile - Also include in "Dunway Data Table "	
(11) Runway Details - Also include in "Runway Data Table."	
(a) Runway Dimensions - Exisiting runway length and width drawn within outline of runway. Existing Runway Pavement should be <u>lightly shaded</u> on drawing.	
·	
(b) Separation Distances - depict a dimension line and distance label for.	
Standard Parallel Runway Separation.	
Standard Runway to Parallel Taxiway Separation.	
(c) Runway Orientation	1
Depict True Bearing (from True North), accuracy to nearest 0.01" degree.	
Depict Runway End Numbers.	
Depict Runway Centerline - with true bearing.	
(d) Runway Lighting /Approach Aides (ILS)	
Existing Threshold Lights.	1
Ultimate Threshold Lights.	
If ILS present, depict Localizer.	
	i

Standards for Airport Marking, Section 2, 9D.)	Markings	
Arrows to identify Displaced Threshold area.(Lead-in Taxiway to Runway End is not a Displaced Threshold).		
Threshold Markings: Runway End:		
Visual: No Stripes, only Rwy End Numbers & Aiming Point.		
NonPrecision - Eight (8) Stripes (See Configuration A; AC 150/5340-1H, Chapter 1, Para 9d).		
Precision: Eight (8) Stripes (See Configuration A; AC 150/5340-1H, Chapter 1, Para 9d).		
(f) Stage Lengths - Provide stages of construction development within planning horizon. Clarify if proposed within 0-5, 6-10, or 11-20 year timeframe.		
Depict future construction development. Include proposed hangar development.		
(g) Runway End Coordinates - Latitude and Longitude accuracy to nearest 0.01 second.		
Existing Rwy End Coord.		
Ultimate Rwy End Coord.		
Displaced Threshold End Coord.		
(h) Monuments		
Not Applicable.		
Applicable.		
Depict the location of all survey monuments and reference markers.		
Include a note describing the manner in which these monuments are protected.		
(i) Declared Distances		
Not Applicable.		
Applicable.		
Depict FAA Approval Date for each Declared Distance.		
Published in Airport Facility		
Directory (AFD). Date AFD published:		
Include approved Declared Distances in Runway Data Table.		
Also include information for Clearway & Stopway.	See Figure D . Stopway.	Clearway an
Clearway		
Note: The Clearway is connected to and extends beyond Rwy End. It is available for completion of Takeoff for Turbine A/C; increases allowable Takeoff weight without increasing Rwy length.		
Clearway Width must be at least 500 feet on centerline.		

Stopway	-
	nd the Takeoff Rwy End on centerline, available fo f. Please reference 150/5300-13, Appendix 14.
beopray Longen.	
Stopway Length & Declared Distances put	blished in the Airport Facilty Directory (AFD).
(j) Approach and Departure Requirement Table A2-1	s - Refer to AC 150/5300-13, Change 9, Appendix 2,
Approach Slopes for each runway end.	
(12) Blast Pads - Reference Para 803.	
minimize propwash (Group I and Group I	or prevention of soil erosion. Designed to I) or designed to minimize high-velocity jet blast rt occasional passage of the most demanding ntenance vehicles.
Existing Blast Pad extends across the	full width of the runway, plus the shoulders.
Applicable - Proposed as new development Label and specify surface type of prop	
	d for eligibility of Group I and Group II. Blast Pad surface is dependent on Group aircraft
Blast Pad designed for Aircraft Group I and Group II.	Group I and Group II - Must justify why a "paved" Blast Pad is needed, rather than using: turf, aggregate turf, soil cement, lime, or bituminous stabilized soil.
Blast Pad designed for Aircraft Group III or higher.	Group III or higher - May pave Blast Pad with bituminous concrete surface on aggregate base. Aggregate base and subbase thickness should be determined using state highway design standards.
(12) Tenegraphic Information (1	aund contaura at interval-
(13) Topographic Information - Show gr Contours 2 feet to 10 feet (1 m to 5 m	
	, acponding on certain.
(14) Elevations - NAVD 88	
(14) Elevations - NAVD 88 Elevation of Runway Ends. Elevation of Displaced Thresholds.	
Elevation of Runway Ends. Elevation of Displaced Thresholds. Touchdown Zone Elevation (TDZE), for	first 3,000' of Rwy which will have/has a Publish
Elevation of Runway Ends. Elevation of Displaced Thresholds. Touchdown Zone Elevation (TDZE), for Straight-In Min (Approach Plates).	first 3,000' of Rwy which will have/has a Publish
Elevation of Runway Ends. Elevation of Displaced Thresholds. Touchdown Zone Elevation (TDZE), for	first 3,000' of Rwy which will have/has a Publishe
Elevation of Runway Ends. Elevation of Displaced Thresholds. Touchdown Zone Elevation (TDZE), for Straight-In Min (Approach Plates). Elevation of Runway Intersections.	first 3,000' of Rwy which will have/has a Publish

(15) Building Restriction Lines (BRL)	
Used to restrict buildings from "runway visibility zones" and based on FAA Part 77's 7:1	
object.	
Depicted on both sides of the Runways.	
BRL extended to Airport Property Line or to RPZ.	
BRL must clear FAA Standard for both Taxiway Object Free Area and Taxiway Centerline to Fixed or Moveable object. Please reference Para 404, Taxiway Object Free Area clearing standard.	
(16) Runway Protection Zone (RPZ) - Refer to AC 150/5300-13, Table 2-4, Runway Protection Zone (RPZ) Dimensions.	
Note: The purpose of FAA's RPZ Standard is to enhance the protection of people and property on the ground. This is achieved via the Airport Sponsor's "control" over the property within the RPZ. Such control includes clearing RPZ areas of incompatible objects and activities. FAA Advisory Circular (AC) 150/5300-13, Airport Design, Para 212, 2b states: "Land uses prohibited from the RPZ are residences and places of public assembly."	See Figure E. Runway Protection Zone and extended OFA.
Existing and Future Dimensions identified.	
RPZ property type. Indicate property interest (I.e., Fee, Avigation Easement, Future Acquisition, Unregulated) with appropriate legend symbol.	
Identify places of Public Assembly. Identify residences and places of public assembly and how they will be mitigated.	
Extension of OFA to end of RPZ encouraged.	
(17) Holding Position Signs and Markings	
Depict the Holding Position Markings.	
Label Holding Position Markings on ALP. Depict and label distance from Holding Position Marking to runway centerline.	
Holding Position Marking should be located outside of Runway OFZ or it should coincide	
with the Runway OFZ width line.	
(18) Taxiway Details - depict a dimension line and distance label for the following:	
Taxiway Widths; Existing and Ultimate.	
Taxiways Labeled by Name (i.e, Twy A, B).	
Depict and Label FAA Standard Distance of Taxiway Centerline to Runway Centerline.	
Depict and Label FAA Standard Taxiway Centerline to Fixed or Moveable object.	
Distance of Taxiway Separation from Parallel Taxiways.	
Distance of faxiway Separation from faraffer faxiways.	
Parallel Taxiway must lead to Threshold (for ILS Runway).	
Parallel Taxiway must lead to Threshold (for ILS Runway). Distance of Taxiway Separation from Aircraft Parking Areas, and objects.	Comments
Parallel Taxiway must lead to Threshold (for ILS Runway). Distance of Taxiway Separation from Aircraft Parking Areas, and objects. Existing and Ultimate taxilanes with width and length. II. Table Elements	Comments
Parallel Taxiway must lead to Threshold (for ILS Runway). Distance of Taxiway Separation from Aircraft Parking Areas, and objects. Existing and Ultimate taxilanes with width and length. II. Table Elements (19) Airport Data Table - Existing and Ultimate.	Comments
Parallel Taxiway must lead to Threshold (for ILS Runway). Distance of Taxiway Separation from Aircraft Parking Areas, and objects. Existing and Ultimate taxilanes with width and length. II. Table Elements (19) Airport Data Table - Existing and Ultimate. Airport Elevation in Feet above Mean Sea Level (MSL).	Comments
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(20) Coordinates (NAD 83 Datums) - Existing and Ultimate.	
Runway End Coodinate Box.	-
(21) Durance Date matter District and Ultimate	
(21) Runway Data Table - Existing and Ultimate.	-
Critical Aircraft – Must be supported by Forecast. As per FAA Order 5090.3C para 3-4,	
the Critical Aircraft: must reflect 500 or more annual itinerant operations, or scheduled	
commercial service. The Critical Aircraft may be a single aircraft or a composite of the most demanding characteristics of several aircraft.	9
Wingspan of Critical Aircraft.	
Undercarriage Width of Critical Aircraft.	-
Approach Speed (Knots) of Critical Aircraft.	-
Max. Certified Takeoff Weight (Lbs.) of Critical Aircraft.	-
% Effective Gradient.	
% Maximum Gradient.	
Pavement Design Strength.	-
Approach Visibility Minimums for each Runway End- Visual, 1 Mile, 3/4 Mile, 1/2 Mile, CA	r
II, CAT III.	
201 Larable Davied Char End of Dunan	-
RSA Length Beyond Stop End of Runway RSA Width	-
OFA Length Beyond Stop End of Runway	
OFA Width	-
OFZ Length Beyond Stop End of Runway	-
OFZ Width	-
Distance from Runway Centerline to Hold Bars and Signs. Label the hold bars on the ALP drawing.	
Marking for each Runway End - Visual, Non-Precision, Precision.	
FAR Part 77 Category by Runway End:	
a) Visual/Visual	
b) Precision/Nonprecision	
c) Visual/Utility	
d) Nonprecision/Utility	
Standard Separation - Runway centerline to parallel taxiway centerline.	_
Standard Separation - Taxiway centerline to fixed or movable object.	
Taxiway Object Free Area Width.	
Taxiway Safety Area Width.	
Taxiway Wingtip Clearance.	
Elevations (NAVD 88) of Runways Ends.	_
Elevation of Runway Touchdown Zone (TDZ).	
Elevation of Runway High Point.	
Elevation of Runway Low Point.	_
Line of Sight requirment met. Refer to AC 150/5300-13, Airport Design, Chap. 5.	Note: If not met, explai
Runway Length; Existing and Ultimate.	
Runway Width; Existing and Ultimate.	
Runway Surface Type (turf, dirt, asphalt, concrete).	
Taxiway Surface Type (turf, dirt, asphalt, concrete).	
Approach Slope (20:1, 34:1, 50:1).	
Pavement Strength in Lbs and Type (single wheel, dual, dual tandum).	
Runway Lighting (MIRL, HIRL, LIRL).	
Navigational Aids (ILS, GPS, NDB).	
Navigacional Alus (115, 015, NDD).	

	See Figure F.	Lege
Note: Graphic depiction/symbols/lines of Existing and Ultimate Development with		
Descriptions.		
Drawing Lines are clear and readable; sufficient scale and quality to discern details.		
Section Corners - Min. of two section corners must be depicted in drawing.		
Existing Property Boundary Line -APL.		
Ultimate Property Boundary (with dashed lines).		
Existing Development (with Solid/Bold lines).		
Future Development (with dashed lines).		
BRL - Label Required with distinct line type.		
OFA - Label Required with distinct line type.		
RSA - Label Required with distinct line type.		
OFZ - Label Required with distinct line type.		
Existing Airport Pavement (lightly shaded).		
Future Airport Pavement Development (dashed lines).		
Structure/Facilities.		
Fencing.		
Contours.		
Airport Reference Point (ARP).		
Helipads.		
Runway Protection Zone (RPZ.)		
Wind Socks.		
REILS/PAPI/VASI.		
Survey Monuments.		
EMAS.		
Localizer antenna.		
Glide Slope.		
MALSR.		
Runway Visual Zone (RVZ) - light shade.		
(23) Title and Revision Blocks		
Name and Location of Airport.		
Preparer of Drawings (Sponsor or Consultant).		
Date of Drawing.		
ALP Must be Signed. All copies must have "Original signatures " (not copied from one		
signed drawing)		
signed drawing). Approval Block - Sponsor only.		
Approval Block - Sponsor only.		
Approval Block – Sponsor only. Drawing Title (ALP, Airspace, Land Use, Terminal). FAA Disclaimer information.		
Approval Block - Sponsor only. Drawing Title (ALP, Airspace, Land Use, Terminal). FAA Disclaimer information. Revision Area Block - Include minimum of 2 previously approved ALPs.		
Approval Block – Sponsor only. Drawing Title (ALP, Airspace, Land Use, Terminal). FAA Disclaimer information.		
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(26)	Nons	star	ndard	l Table	-	List	in	a	tab	le	any	nor	nstandard	items	impacted	by	proposed
proj	jects	in	the	near-t	er	n (1 -	- 5	y	ear)	P	lann	ing	horizon.				
Not	appli	cab	ple.					-									

Applicable.

(27) Approved Modification to Design Standards

Not applicable.

} Use a "Note" to identify FAA Approved Modification to Standards.

Include the FAA Approval Date for <u>each</u> Modification to Design Standard.

(27a) Request for Modification to Design Standards (MOS) - Sponsor submits a Request for Modification to Standards, as per FAA Order 5300.1F, Pg 2, #8 "Modification to Agency Airport Design, Construction, and Equipment Standards."

Generally, approval of modification to design standards is required for any newly depicted substandard airport layout item that is reflected on a new or revised airport layout plan (ALP) at the time of the plan's approval unless the item is already approved by existing modification to design standards documentation that is still valid. Existing conditions that do not meet current design standards do not typically need revalidation under current MOS criteria since: 1) standards applicable at the time of original construction were applied, or 2) appropriate standards criteria and MOS approved. Where airport development involves consruction, reconstruction, or significant expansion of an area not meeting current standards, current MOS criteria should be applied.

Please contact an FAA Airport's Representative for guidance on contents of the Sponsor Request. At a minimum, the MOS Request must include the following:

A List of Standards affected and the basis for the request as allowed in Para 7.
 A Description of the proposed modification.

2) A Description of the proposed modification.

3) A discussion of viable alternatives for accomodating the unusual conditions.4) An Assurance that the Modification to Airport Design Standards will provide an acceptable level of safety.

(28) Nonstandard RSA

} Not applicable.
} Applicable.

Nonstandard RSA must be addressed via an RSA Study & Determination. For information on the process for conducting an RSA Evaluation, please reference AC 150/5300-13, Para 305,(c), Substandard RSA and FAA Order 5200.8, Runway Safety Area Program.

For requirements of additional drawing sheets(Airport Airspace Drawing, Airport Land Use and Property Drawing, Building/Terminal Area Drawing, etc.), please refer to FAA Advisory Circular (AC) 150/5300-13, Airport Design, Change 8, Appendix 7, along with Draft AC 150/5070-6B, Airport Master Plans, Appendix D.

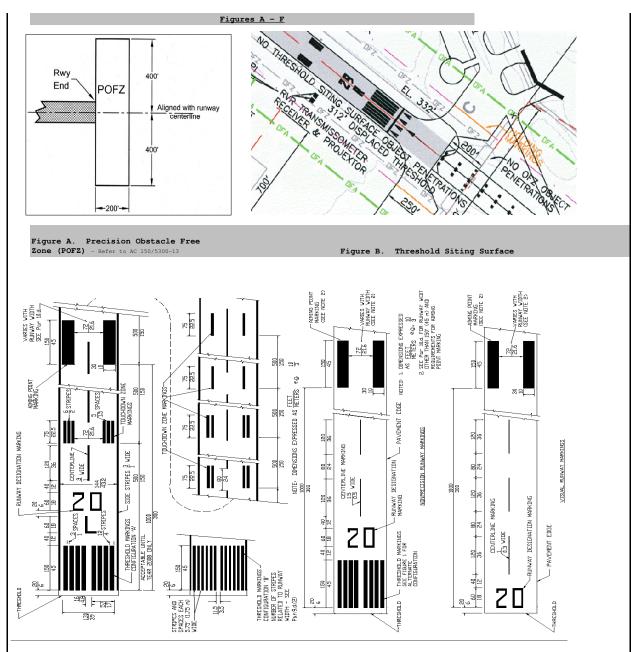


Figure 1. Precision Runway Markings

Figure 2. Nonprecision Runway and Visual Runway Markings

