



Appendix D - Description

The following is the most current Airport Layout Plan (ALP) Drawing Checklist published by the Western-Pacific Region of the Federal Aviation Administration (FAA). This checklist is used by the FAA to review all ALP updates.

U.S. Department of Transportation  
 Federal Aviation Administration  
 Western-Pacific Region - Airports Division

AIRPORT LAYOUT PLAN DRAWING CHECKLIST

Name of Airport: \_\_\_\_\_

Location of Airport: \_\_\_\_\_

Date of Review: \_\_\_\_\_ Reviewed by: \_\_\_\_\_

<u>Item</u>	<u>Included</u>		<u>Remarks</u>
	<u>Yes</u>	<u>No</u>	
<u>SHEET SIZE:</u> 24" X 36"	( )	( )	_____
<u>BAR SCALE:</u> 1" = 200' to 1" = 600'	( )	( )	_____
<u>NORTH ARROW:</u> True & Current Magnetic Declination w/Annual Rate of Change	( )	( )	_____
<u>WIND ROSE:</u> Source & Time Period	( )	( )	_____
Shown in MPH & Knots	( )	( )	_____
12 MPH Individual & Combined Coverage	( )	( )	_____
15 MPH Individual & Combined Coverage	( )	( )	_____
<u>AIRPORT REFERENCE POINT</u> Existing	( )	( )	_____
Ultimate Development	( )	( )	_____
Labeled Lat/Long at point on drawing	( )	( )	_____
<u>TOPOGRAPHIC INFO:</u> 2" to 10' Contours	( )	( )	_____
Contours are Labeled	( )	( )	_____
<u>NAD 83: (Mandatory)</u> North American Datum Used for <u>ALL</u> Lat/Long identifications	( )	( )	_____
<u>ELEVATIONS:</u> Existing Runway Ends including Displaced Threshold	( )	( )	_____
Ultimate Runway Ends	( )	( )	_____
Runway Intersections	( )	( )	_____

	<u>Included</u>		<u>Remarks</u>
	<u>Yes</u>	<u>No</u>	
Runway High & Low Points	( )	( )	_____
Touchdown Zone Elevation			
(TDZE) Highest RWY Elevation in first 3000' of any RWY which will have published straight-in minimums)	( )	( )	_____
<u>LINES:</u>			
Existing Property Boundary	( )	( )	_____
Ultimate Property Boundary	( )	( )	_____
Building Restriction Line (BRL) - on both sides of the Runway	( )	( )	_____
Section Corners (minimum of 2)	( )	( )	_____
Existing Development shown with Solid or Bold Lines	( )	( )	_____
Future Development shown w/Dashed or Screened Lines	( )	( )	_____
<u>RUNWAY DRAWING DETAILS:</u>			
Length & Width of Existing R/W	( )	( )	_____
Length & Width of Ultimate R/W	( )	( )	_____
End Numbers - for each end	( )	( )	_____
True Bearings to nearest sec.	( )	( )	_____
Runway Markings - (Basic, Non-Prec., Precision)	( )	( )	_____
Existing Lighting shown	( )	( )	_____
Ultimate Lighting indicated	( )	( )	_____
Lat./Long. & Elevations for Runway Thresholds and Displaced Thresholds	( )	( )	_____
Runway Safety Areas (RSA) w/ dimensions	( )	( )	_____
Centerline shown w/ true bearing	( )	( )	_____
Existing Runway should be lightly shaded	( )	( )	_____
Approach aides indicated (ILS, REILS)	( )	( )	_____
Obstacle Free Zone (OFZ) - Based on usage by only small airplanes or to include Large Aircraft	( )	( )	_____
Latitude, Longitude & Elevation - For any non-federal on-airport NAVAID to be used in the Instrument Approach Procedure	( )	( )	_____
<u>TAXIWAY DETAILS:</u>			
Width of Existing	( )	( )	_____
Width of Ultimate	( )	( )	_____
Labeled by Name (i.e.T/W A, T/W B, T/W D)	( )	( )	_____
Dimensional Clearance Widths and Separations from:			
a) Runway Centerline(s)	( )	( )	_____
b) Parallel Taxiway	( )	( )	_____
c) Aircraft Parking Area (s)	( )	( )	_____

Included  
Yes      No

Remarks

AIRCRAFT PARKING APRON:

Existing location depicted	( )	( )	_____
Ultimate location depicted	( )	( )	_____
If scale permits:			
Aircraft Tie-down locations	( )	( )	_____
Aircraft Tie-down layout	( )	( )	_____

RUNWAY PROTECTION

ZONES:

Dimensions Indicated	( )	( )	_____
Approach Slope Labeled ex: 20:1	( )	( )	_____
Existing RPZ shown	( )	( )	_____
Ultimate RPZ shown	( )	( )	_____
Type of Ownership: (Labeled)			
a) Currently Own in Fee	( )	( )	_____
b) Avigation Easement	( )	( )	_____
c) Future Fee Acquisition	( )	( )	_____
d) Unregulated	( )	( )	_____
Hatching/Shading not used	( )	( )	_____

TITLE & REVISION BLOCKS:

Name & Location of Airport	( )	( )	_____
Name of Preparer (Sponsor or Consultant)	( )	( )	_____
Date of Drawing	( )	( )	_____
Drawing Title (ALP, Terminal)	( )	( )	_____
Revision Area Block provided w/FAA Disclaimer information	( )	( )	_____
Approval Block (Sponsor only)	( )	( )	_____
Standardized Area for FAA Approval Stamp	( )	( )	_____

AIRPORT DATA BLOCK:

Airport Elevation in Feet above Mean Sea Level (MSL)			
a) Existing	( )	( )	_____
b) Ultimate	( )	( )	_____
Airport Reference Point (ARP) coordinates (Lat/Long to nearest second)			
a) Existing	( )	( )	_____
b) Ultimate	( )	( )	_____
Airport & Terminal NAVAIDS indicated (Beacon, ILS, etc.)	( )	( )	_____
Mean Max.Temp. - Indicate hottest month in degrees Fahrenheit	( )	( )	_____
Airport Reference Code :			
- Runway Category (A-D)	( )	( )	_____
- Airplane Design Group (I-VI) Example: (A-I, B-II, D-VI)	( )	( )	_____
Design Aircraft (B-727, Cessna 172, B-747) Desired airport usage	( )	( )	_____
GPS at Airport	( )	( )	_____

Included  
Yes No

Remarks

RUNWAY DATA BLOCK:

(Indicate for each Runway)

% Effective Gradient	( )	( )	_____
% Wind Coverage (show MPH)	( )	( )	_____
Max Elevation Above MSL	( )	( )	_____
Runway Length - Existing	( )	( )	_____
Runway Length - Ultimate	( )	( )	_____
Runway Width - Existing	( )	( )	_____
Runway Width - Ultimate	( )	( )	_____
Runway Surface Type (turf, dirt, asphalt)	( )	( )	_____
Taxiway Surface Type (turf, dirt, asphalt)	( )	( )	_____
Instrument Runway (type)	( )	( )	_____
Approach Slope (20:1, 50:1, 34:1)	( )	( )	_____
Pavement Strength in lbs. and type (single wheel, dual, dual tandem)	( )	( )	_____
Runway Lighting (low, medium, high- LIRL, MIRL, HIRL)	( )	( )	_____
Runway Marking (Basic, Non-Prec)	( )	( )	_____
Navigational Aids (ILS, NDB, GPS)	( )	( )	_____
Visual Aids (GVGI, REIL, etc.)	( )	( )	_____
Runway Safety Area (RSA) Dimensions:			
a) Length beyond runway end	( )	( )	_____
b) Width	( )	( )	_____
FAR Part 77 Category by Rwy End:			
a) visual/visual	( )	( )	_____
b) precision/non-precision	( )	( )	_____
c) visual/utility	( )	( )	_____
d) non-precision/utility	( )	( )	_____

MISCELLANEOUS:

Adjacent land uses to airport identified/labeled?	( )	( )	_____
Airport Facilities List (Existing and Ultimate)	( )	( )	_____
Symbolic Legend - all symbols identified?	( )	( )	_____
Location Map	( )	( )	_____
Vicinity Map	( )	( )	_____
Roadways Identified?	( )	( )	_____

RWY END COORDINATE BOX:

Give Lat. & Long. for each End			
- Existing	( )	( )	_____
- Ultimate	( )	( )	_____

ADDITIONAL COMMENTS: