



### Airport Layout Plan Drawing Set Checklist

Name of Airport: \_\_\_\_\_  
Location of Airport: \_\_\_\_\_  
Date of Review: \_\_\_\_\_ Reviewed by: \_\_\_\_\_

**Significant Development Changes Since Previous ALP Approval/ or Narrative**

- 1. \_\_\_\_\_
- 2. \_\_\_\_\_
- 3. \_\_\_\_\_
- 4. \_\_\_\_\_
- 5. \_\_\_\_\_
- 6. \_\_\_\_\_

**In order to protect the airspace for future conditions, complete the following information:**

**Future Airport Reference Point (ARP) (if same as existing, provide existing ARP)**

ARP Latitude: \_\_\_\_\_, ARP Longitude: \_\_\_\_\_

**Future Rwy End Coordinates & Rwy End Elevation (if same as existing, provide existing coordinates)**

Rwy End: \_\_\_\_, Rwy End Latitude: \_\_\_\_\_, Rwy End Longitude: \_\_\_\_\_, Rwy End Elevation: \_\_\_\_\_  
Rwy End: \_\_\_\_, Rwy End Latitude: \_\_\_\_\_, Rwy End Longitude: \_\_\_\_\_, Rwy End Elevation: \_\_\_\_\_  
Rwy End: \_\_\_\_, Rwy End Latitude: \_\_\_\_\_, Rwy End Longitude: \_\_\_\_\_, Rwy End Elevation: \_\_\_\_\_  
Rwy End: \_\_\_\_, Rwy End Latitude: \_\_\_\_\_, Rwy End Longitude: \_\_\_\_\_, Rwy End Elevation: \_\_\_\_\_

**Existing and Proposed Modification of Standards (MOS)**

Existing Deviation of Standard/ FAA Approved MOS      FAA Approval Date (if any)      Expiration Date (if any)

- 1. \_\_\_\_\_
- 2. \_\_\_\_\_
- 3. \_\_\_\_\_

**Proposed Deviation of Standard/ FAA Modification of Standards**

- 1. \_\_\_\_\_
- 2. \_\_\_\_\_
- 3. \_\_\_\_\_

**Runway Safety Area Re-Evaluations**

- ( ) Concur with Runway Safety Area Determination currently on file with FAA.
- ( ) Reevaluation of Runway Safety Area Determination completed as part of planning document and shown on this ALP set.

**Narrative Report**

Yes No Comments

- Report Provided ( ) ( ) \_\_\_\_\_
- Aeronautical Forecasts*
- 0-5 yrs., 6-10 yrs., 10-20 yrs ( ) ( ) \_\_\_\_\_
- Total annual operations ( ) ( ) \_\_\_\_\_
- Annual itinerant operations ( ) ( ) \_\_\_\_\_
- Based aircraft ( ) ( ) \_\_\_\_\_
- Annual instrument approaches (if applicable) ( ) ( ) \_\_\_\_\_
- Annual itinerant operations by critical aircraft ( ) ( ) \_\_\_\_\_
- Annual itinerant ops by more demanding aircraft ( ) ( ) \_\_\_\_\_
- Proposed Development Justification ( ) ( ) \_\_\_\_\_
- Special Issues (MOS, etc.) ( ) ( ) \_\_\_\_\_
- Development Schedule and Graphics ( ) ( ) \_\_\_\_\_
- Proper Agency Coordination (sponsor, local, state) ( ) ( ) \_\_\_\_\_

**Airport Layout Drawing**

- Proper Agency Approval (Sponsor, Local, State) ( ) ( ) \_\_\_\_\_
- Sheet Size - 24"x36"/ 22" x 34" ( ) ( ) \_\_\_\_\_
- Scale 1"=200'-600' ( ) ( ) \_\_\_\_\_
- 2'-10' Labeled Contours ( ) ( ) \_\_\_\_\_

*North Arrow*

- True & magnetic ( ) ( ) \_\_\_\_\_
- Declination w/ annual rate of change ( ) ( ) \_\_\_\_\_

*Wind Rose*

- Source & time period ( ) ( ) \_\_\_\_\_
- MPH & knots ( ) ( ) \_\_\_\_\_
- 12 MPH individual & combined coverage ( ) ( ) \_\_\_\_\_
- 15 MPH individual & combined coverage ( ) ( ) \_\_\_\_\_

*Airport Reference Point (ARP)*

- Existing w/ Lat./ Long. (NAD 83) ( ) ( ) \_\_\_\_\_
- Ultimate w/ Lat./ Long. (NAD 83) ( ) ( ) \_\_\_\_\_

*Elevations (Existing & Ultimate)*

- Existing runway ends ( ) ( ) \_\_\_\_\_
  - Displaced thresholds ( ) ( ) \_\_\_\_\_
  - Ultimate runway ends ( ) ( ) \_\_\_\_\_
  - Runway intersections ( ) ( ) \_\_\_\_\_
  - Runway high & low points ( ) ( ) \_\_\_\_\_
  - Touchdown zone elevation ( ) ( ) \_\_\_\_\_
- (highest Rwy elevation in first 3,000' of any Rwy having published straight -in minima)

*Drawing Lines*

- Existing property boundary ( ) ( ) \_\_\_\_\_
- Ultimate property boundary ( ) ( ) \_\_\_\_\_
- Building restriction line (both sides) ( ) ( ) \_\_\_\_\_
- Existing development shown as solid ( ) ( ) \_\_\_\_\_
- Future development shown as dashed/ shaded ( ) ( ) \_\_\_\_\_

**Airport Layout Drawing (Continued)**

Yes No Comments

*Runway Drawing Details (Existing & Ultimate)*

- Runway(s) Depiction ( ) ( ) \_\_\_\_\_
- Length & width ( ) ( ) \_\_\_\_\_
- End numbers ( ) ( ) \_\_\_\_\_
- True bearing (nearest sec.) ( ) ( ) \_\_\_\_\_
- Markings (basic, NPI, PIR) ( ) ( ) \_\_\_\_\_
- Lighting (thresholds only) ( ) ( ) \_\_\_\_\_
- Threshold lat/ long & elevations ( ) ( ) \_\_\_\_\_
- Displaced threshold lat/ long & elevations ( ) ( ) \_\_\_\_\_
- Runway safety areas & dimensions ( ) ( ) \_\_\_\_\_
- Runway object free areas & dimensions ( ) ( ) \_\_\_\_\_
- Runway obstacle free zones ( ) ( ) \_\_\_\_\_
- Centerline w/ true bearing ( ) ( ) \_\_\_\_\_
- Approach aids indicated (ILS, REILS, etc.) ( ) ( ) \_\_\_\_\_
- Lat/ long & elevation for non-federal on-airport NAVAIDs (used for instrument approach procedure) ( ) ( ) \_\_\_\_\_

*Taxiway Details (Existing & Ultimate)*

- Taxiway widths ( ) ( ) \_\_\_\_\_
- Designations ( ) ( ) \_\_\_\_\_
- Separation dimensions to:  
Runway centerline(s) ( ) ( ) \_\_\_\_\_
- Parallel taxiway(s) ( ) ( ) \_\_\_\_\_
- Aircraft parking area(s) ( ) ( ) \_\_\_\_\_

*Aircraft Parking Aprons*

- Existing & ultimate aprons shown ( ) ( ) \_\_\_\_\_
- Dimensions ( ) ( ) \_\_\_\_\_
- Tie-down layout/ locations ( ) ( ) \_\_\_\_\_

*Runway Protection Zones (RPZs)*

- Existing & ultimate RPZs shown ( ) ( ) \_\_\_\_\_
- Dimensions ( ) ( ) \_\_\_\_\_
- Approach slope (20:1, 34:1, 50:1) ( ) ( ) \_\_\_\_\_

*Title & Revision Blocks*

- Name and location of airport ( ) ( ) \_\_\_\_\_
- Name of preparer ( ) ( ) \_\_\_\_\_
- Date of drawing ( ) ( ) \_\_\_\_\_
- Drawing title ( ) ( ) \_\_\_\_\_
- Revision block ( ) ( ) \_\_\_\_\_
- FAA disclaimer ( ) ( ) \_\_\_\_\_
- Sponsor approval block ( ) ( ) \_\_\_\_\_

*Airport Data Block (Existing & Ultimate)*

- Airport elevation (MSL) ( ) ( ) \_\_\_\_\_
- Airport Reference Point (ARP) Data ( ) ( ) \_\_\_\_\_
- Airport & terminal NAVAIDS (beacon, ILS) ( ) ( ) \_\_\_\_\_
- Mean maximum temperature ( ) ( ) \_\_\_\_\_
- Airport Reference Code (ARC) for each runway ( ) ( ) \_\_\_\_\_
- Design Aircraft for each runway ( ) ( ) \_\_\_\_\_
- Identify GPS at airport ( ) ( ) \_\_\_\_\_

**Airport Layout Drawing (Continued)**

Yes No Comments

*Runway Data Block (Existing & Ultimate)*

- % effective gradient ( ) ( ) \_\_\_\_\_
- % wind coverage (MPH & knots) ( ) ( ) \_\_\_\_\_
- Maximum elevation above MSL ( ) ( ) \_\_\_\_\_
- Runway length ( ) ( ) \_\_\_\_\_
- Runway width ( ) ( ) \_\_\_\_\_
- Runway surface type (turf, asphalt...) ( ) ( ) \_\_\_\_\_
- Runway strength (SWG, DWG...) ( ) ( ) \_\_\_\_\_
- Part 77 approach category (visual, NPI, PIR) ( ) ( ) \_\_\_\_\_
- Type instrument approach (ILS, GPS...) ( ) ( ) \_\_\_\_\_
- Approach slope (20:1, 34:1, 50:1) ( ) ( ) \_\_\_\_\_
- Runway lighting (HIRL, MIRL, LIRL) ( ) ( ) \_\_\_\_\_
- Runway marking (PIR, NPI, BCS) ( ) ( ) \_\_\_\_\_
- NAVAIDS & visual aids ( ) ( ) \_\_\_\_\_
- Runway safety area dimensions (standard & non-standard) ( ) ( ) \_\_\_\_\_

*Miscellaneous*

- Airport facility/ building list (existing & future) ( ) ( ) \_\_\_\_\_
- Standard legend ( ) ( ) \_\_\_\_\_
- Location map ( ) ( ) \_\_\_\_\_
- Vicinity map ( ) ( ) \_\_\_\_\_
- Roadways, traverse ways identified ( ) ( ) \_\_\_\_\_

*Additional Comments:*

**Airport Airspace Drawing**

- Ultimate Runway Length Plan View of Surfaces ( ) ( ) \_\_\_\_\_
- Profile View of Ultimate Runway Lengths ( ) ( ) \_\_\_\_\_
- Obstruction Data Tables ( ) ( ) \_\_\_\_\_
- Sheet Size Same as ALP ( ) ( ) \_\_\_\_\_
- Plan View Scale 1"=2000' ( ) ( ) \_\_\_\_\_
- Profile View Scale 1"=1000' Horizontal, 1"=100' Vertical ( ) ( ) \_\_\_\_\_
- Title & Revision Blocks ( ) ( ) \_\_\_\_\_

*Approach Plan View Details*

- USGS base map ( ) ( ) \_\_\_\_\_
- Runway end numbers shown ( ) ( ) \_\_\_\_\_
- Elevation contours of 50' on all slopes ( ) ( ) \_\_\_\_\_
- Show most demanding surface lines as solid and others as dashed ( ) ( ) \_\_\_\_\_
- Identify penetrating objects & top elevations (for those in inner approach add note, "Refer to the inner portion of the approach surface plan view details for close-in obstructions.") ( ) ( ) \_\_\_\_\_
- Show PIR approach of 50,000 on separate sheet as necessary ( ) ( ) \_\_\_\_\_
- Note any height restriction zoning/ ordinances/ statutes in place ( ) ( ) \_\_\_\_\_

*Approach Profile View Details*

- Ground profile along extended centerline (highest profile elevations of width & length of approach) ( ) ( ) \_\_\_\_\_
- Identify significant objects (roads, rivers, etc.) w/ elevations ( ) ( ) \_\_\_\_\_
- Existing & ultimate runway ends and approach slopes ( ) ( ) \_\_\_\_\_

*Additional Comments:*

**Inner Portion of the Approach Surface Drawing**

	<u>Yes</u>	<u>No</u>	<u>Comments</u>
Large-Scale Plan View for Each Runway End (up to 100' height above runway end)	( )	( )	_____
Large-Scale Profile View for Each Runway End (up to 100' height above runway end)	( )	( )	_____
Sheet Size	( )	( )	_____
Scale 1"=200' Horizontal, 1"=20' Vertical	( )	( )	_____
Title & Revision Blocks	( )	( )	_____
<i>Separate Approach Tables with Obstruction Data</i>			
- Type of approach (NPI, etc.)	( )	( )	_____
- Approach Slope (20:1, etc.)	( )	( )	_____
- Obstruction number	( )	( )	_____
- Obstruction description	( )	( )	_____
- Approach penetration (in feet)	( )	( )	_____
- Proposed mitigation (including "none.")	( )	( )	_____
<i>Inner Approach Plan View Details</i>			
- Aerial photo base map	( )	( )	_____
- Obstructions numbered	( )	( )	_____
- Property line depicted	( )	( )	_____
- Identify by numbers all traverse ways w/ elevations & vertical clearances in approach (At approach edge & extended centerline)	( )	( )	_____
- Depict existing & ultimate runway ends	( )	( )	_____
- Ground contours shown	( )	( )	_____
<i>Inner Approach Profile View Details</i>			
- Identify significant terrain/ items in RSA	( )	( )	_____
- Identify obstructions with numbers on plan view	( )	( )	_____
- Depict roads and railroads at edge of approach as dashed	( )	( )	_____

*Additional Comments:*

**Terminal Area Drawing**

Large-Scale Plan View of Terminal/ GA Area(s) as Needed	( )	( )	_____
Show Existing & Future Buildings	( )	( )	_____
Sheet Size Same as ALP	( )	( )	_____
Scale 1"=50'-100'	( )	( )	_____
Title & Revision Bocks	( )	( )	_____
Legend	( )	( )	_____
<i>Building Data Table (Existing &amp; Ultimate)</i>			
- Number facilities	( )	( )	_____
- Include top elevations	( )	( )	_____
- Identify obstruction marking	( )	( )	_____

*Additional Comments:*

**Land Use Drawing (Existing & Ultimate)**

	<u>Yes</u>	<u>No</u>	<u>Comments</u>
- Basic airport features/ surfaces	( )	( )	_____
- Property lines	( )	( )	_____
- Include all land uses (industrial, residential, etc.) on & off airport (including non-aeronautical) to minimum 65 LDN	( )	( )	_____
- Line of sight or runway visibility zones shown	( )	( )	_____
- Note any existing land use ordinances/ statutes in place	( )	( )	_____
- Noise contours as required in scope of work (60, 65 & 70 LDN)	( )	( )	_____
- Sheet size same as ALP	( )	( )	_____
- Scale same as ALP	( )	( )	_____
- Title & revision block	( )	( )	_____
- Aerial base map	( )	( )	_____
- Legend (symbols and land use descriptions)	( )	( )	_____
- Identify recommended land use changes	( )	( )	_____
- Identify public facilities (schools, parks, etc.)	( )	( )	_____

*Additional Comments:*

**Airport Property Map (Existing & Ultimate)**

Property Lines (Clear & Bold)	( )	( )	_____
RPZ's Shown	( )	( )	_____
Tracts of Land on and off Airport	( )	( )	_____
Sheet Size Same as ALP	( )	( )	_____
Scale Same as ALP	( )	( )	_____
Title & Revision Block	( )	( )	_____
Legend	( )	( )	_____
Airport Features (expansion, etc.)/ Critical Surfaces (RSA's, etc.) Shown (to aid in determining eligible land needs)	( )	( )	_____

*Data Table*

- Numbering system for parcels	( )	( )	_____
- Date of acquisition	( )	( )	_____
- Federal aid project number	( )	( )	_____
- Type of ownership (fee, easement, federal surplus, etc.)	( )	( )	_____
- Parcel acreage	( )	( )	_____

*Additional Comments:*