MASTER PLAN and AIRPORT LAYOUT PLAN (ALP) CHECKLIST

Location:
Airport:
Prepared By: Prepared Date:
Reviewed By: Reviewed Date:

APPLICABLE ADVISORY CIRCULARS:

CRITICAL AIRCRAFT:
Make: _____ Model: _____ Annual Operations:
_____
Airport Reference Code (ARC): _____
Desired Approach Minimums:
Rw end _____ Minimum _____ Rw end _____ Minimum _____
Make: _____ Model: _____ Annual Operations:
_____
Airport Reference Code (ARC): _____
Desired Approach Minimums:
Rw end _____ Minimum _____ Rw end _____ Minimum _____

AIRPORT LAYOUT PLAN COMPONENTS:

	Yes	No	Included	Remarks
I. Narrative Report	( )	( )		
II. Airport Layout Drawing	( )	( )		
III. Airport Airspace Drawing	( )	( )		
IV. Inner Portion of the Approach Surface Drawing	( )	( )		
V. Terminal Area Drawing	( )	( )		
VI. Land Use Drawing	( )	( )		
VII. Airport Property Map	( )	( )		

I. NARRATIVE REPORT
DATE:_____
Master Plan   ( )
ALP Report   ( )
FORECAST AVIATION DEMAND

	Yes	No
Current, 5 yrs, 10 yrs, 20 yrs	( )	( )
Local Operations	( )	( )
Annual Itinerant Operations		

	Included Yes	No
All Aircraft	( )	( )
Current Design Aircraft	( )	( )
Future Design Aircraft	( )	( )
Total Annual Operations	( )	( )
Based Aircraft	( )	( )
Annual Instrument Approaches (AIA)	( )	( )
Enplaned Passengers (Commercial Service Locations Only)	( )	( )
Design Aircraft (Current & Future)	( )	( )
STAGE DEVELOPMENT (Drawings, Schedules, Project Costs)	( )	( )
COORDINATION (Highways, Planning Agencies, etc.)	( )	( )

ADDITIONAL COMMENTS:

II. AIRPORT LAYOUT DRAWING

DATE:_____

"An airport layout plan (ALP) is a graphic presentation to scale of existing and ultimate airport facilities,
their location on the airport and the pertinent clearance and dimensional information required to show relationships
with applicable standards."

NOTE: Use NAD 83 Datum for determining coordinates and indicate on ALP drawing.

	Included Yes	No	Remarks
SHEET SIZE			
22" X 34" - Black Line Paper	( )	( )	
SCALE			
1" = 200' to 1" = 600'	( )	( )	
NORTH POINT			
True & Magnetic Declination	( )	( )	
WIND ROSE			
Source & Time Period (latest 10-year period, using 36-point)	( )	( )	
Individual & Combined Coverage			
10.5 Knots	( )	( )	
13 Knots	( )	( )	
16 Knots	( )	( )	
20 Knots	( )	( )	
AIRPORT REFERENCE POINT (ARP)			
Ultimate ONLY with lats and longs to nearest second	( )	( )	
TOPOGRAPHIC INFORMATION			
Contours 2' to 10'	( )	( )	

ELEVATIONS
Runway Ends (nearest 0.1 ft, exist & ultimate)   ( )   ( )
Runway Intersections   ( )   ( )
Runway High and Low Points   ( )   ( )
Roadways & Railroads at points where they   ( )   ( )
  intersect RPZ
Structures on Airport (if no Terminal Drawing)   ( )   ( )

ILS/MLS Critical Areas (GS & LOC)   ( )   ( )
Building Restriction Lines (BRL)   ( )   ( )
Building Height for BRL   ( )   ( )
Property Lines (exist & ultimate)   ( )   ( )
Section Corners   ( )   ( )
Runway Visibility Zones   ( )   ( )
RUNWAY DETAILS
Length and Width (exist & ultimate)   ( )   ( )
End Numbers   ( )   ( )
True Bearing (nearest .01 degree)   ( )   ( )
End Coordinates (nearest .01 second)   ( )   ( )
Lighting Symbols (threshold only, exist & ultimate) ( )   ( )
Clearways & Stopways/Overruns   ( )   ( )
Safety Areas   ( )   ( )
TAXIWAY DETAILS
Width   ( )   ( )
Clearance to Runway   ( )   ( )
Clearance to Aircraft Parking   ( )   ( )
Clearance to Objects   ( )   ( )
APRON
Location   ( )   ( )
Aircraft Parking   ( )   ( )
RUNWAY PROTECTION ZONES
Dimensions (exist & ultimate)   ( )   ( )
Type of Ownership (Fee or Easement)   ( )   ( )
APPROACHES
Approach Surface Slope & Type   ( )   ( )
TITLE AND REVISION BLOCK   ( )   ( )
APPROVAL BLOCK (SPONSOR ONLY)   ( )   ( )

AIRPORT DATA TABLE
Airport Elevation (nearest 0.1 ft)   ( )   ( )
ARP Coordinates (nearest second)   ( )   ( )
Airport Electronic Aids (NDB/VOR/Beacon)   ( )   ( )
Mean Max Temp. (Hottest Month)   ( )   ( )
Airport Reference Code (ARC)   ( )   ( )

LEGEND TABLE	( )	( )
RUNWAY DATA TABLE (existing & ultimate)		
Approach Category and Design Group	( )	( )
Runway (length/width)	( )	( )
Runway Lighting (LIRL, MIRL, HIRL)	( )	( )
Runway Marking (B, NP, or P)	( )	( )
Pavement Material	( )	( )
Pavement Design Strength (S, D, DT, DDT)	( )	( )
Runway Safety Area (length/width)	( )	( )
Object Free Area (length/width)	( )	( )
Obstacle Free Zone (length/width)	( )	( )
Taxiway Width	( )	( )
Taxiway Lighting	( )	( )
For Each Runway End (exist & ultimate)		
Approach Surface Slope	( )	( )
Electronic Aids (Localizer, Glide Slope, etc.)	( )	( )
Visual Aids (REIL, VGSI, PAPI etc)	( )	( )
Approach Visibility Minimums	( )	( )
(V, 1 mile, 3/4 mile, 1/2 mile,		
CAT II, or CAT III)		
Touchdown Zone Elevation(TDZE)	( )	( )
(highest runway elevation within first 3,000 ft)		
Takeoff Run Available (TORA)	( )	( )
Takeoff Distance Available (TODA)	( )	( )
Accelerate Stop Distance Available	( )	( )
Landing Distance Available (LDA)	( )	( )

MODIFICATION TO AIRPORT DESIGN STANDARDS TABLE		
Approval Date, Airspace Case No.,	( )	( )
Standard Modified, Description		
If No Standard Modified, State "None Required)	( )	( )
OBSTACLE FREE ZONE (OFZ) OBJECT PENETRATIONS TABLE		
If none, state "none."		
THRESHOLD SITING SURFACE OBJECT PENETRATIONS TABLE		
If none, state "none."		
ADDITIONAL COMMENTS:		

III. AIRPORT AIRSPACE DRAWING
    PLAN VIEW

USGS 7 1/2 Minute Quad.	( )	( )
Runway Numbers (ultimate)	( )	( )
Part 77 Imaginary Surfaces	( )	( )
Elevation Contours (even 50' intervals	( )	( )
on sloping surfaces)		

Scale (1" = 2000'- 3000')	( )	( )
Obstructions beyond inner approach surface	( )	( )
APPROACH PROFILES (Existing and Ultimate)		
Scale (1" = 1000' H, 1" = 100' V	( )	( )
for Visual & Non-Precision Rwys)		
Scale (1" = 2000' H, 1'= 200' V for ILS Runways)	( )	( )
for a composite ground profile along extended		
Runway Centerline		
Significant Objects	( )	( )
Top Elevation of Significant Objects	( )	( )
Part 77 Approach Slope Profile	( )	( )
OBSTRUCTION TABLE		
Obstruction Identification Number	( )	( )
Obstruction Elevation	( )	( )
Description of Obstruction	( )	( )
Amount of Penetration	( )	( )
Disposition of Obstruction	( )	( )
ADDITIONAL COMMENTS:		

IV. INNER PORTION OF THE APPROACH SURFACE DRAWING

PLAN VIEW (Existing & Ultimate)		
(out to 100' above rw elev for the approach slope)		
Scale (1" = 200')	( )	( )
Property Line	( )	( )
Obstructions Identified by Number	( )	( )
Clearance over Roads, Railroads at Centerline	( )	( )
& Edge of RPZ (Include Road/Railroad Elev.)		
Runway End Number and Elevation	( )	( )
Ground Contours (light lines)	( )	( )
Runway Safety Area	( )	( )
Object Free Area	( )	( )
PROFILE VIEW		
Scale (1" = 200'H, 1" = 20'V)	( )	( )
Terrain Along Extended Centerline of Runway	( )	( )
(out to 100' above rw elev for approach slope)		
Significant Objects	( )	( )
Cross Section of Roads & Railroads	( )	( )
Obstructions Identified by Number	( )	( )
(same as used on plan view)		
RUNWAY CENTERLINE PROFILE		
Scale (vertical sufficient to show line of sight req)	( )	( )
Elevations (stations and elevation at runway ends	( )	( )
and at all points of grade change)		
OBSTRUCTION TABLE		
Separate Table for each runway end	( )	( )

	Included Yes	No
Obstruction Identification Number	( )	( )
Obstruction Elevation	( )	( )
Description of Obstruction	( )	( )
Amount of Penetrations	( )	( )
Disposition of Obstruction	( )	( )

ADDITIONAL COMMENTS:

V. TERMINAL AREA DRAWING

	Included Yes	No	Remarks
Scale (1" = 50' to 1" = 100')	( )	( )	
Property Line	( )	( )	
Bldg Restriction Line	( )	( )	
Apron	( )	( )	
T Hangars	( )	( )	
Aircraft Parking	( )	( )	
Top Elevation of Structure	( )	( )	
Legend	( )	( )	
Building Identification Table	( )	( )	
Auto Parking Areas	( )	( )	
Entrance Road	( )	( )	

ADDITIONAL COMMENTS:

VI. LAND USE DRAWING

	Yes	No
Legend	( )	( )
On-Airport Land Use (exist & ultimate)	( )	( )
Off-Airport Land Use (exist & ultimate to at least 65 DNL Contour	( )	( )
Crop Restriction Lines	( )	( )
Airport Property Lines (ult)	( )	( )
Zoning of adjacent property to airport	( )	( )

ADDITIONAL COMMENTS:

VII. AIRPORT PROPERTY MAP

	Yes	No
LEGEND	( )	( )
DRAWING DETAILS		
Airport Features (exist & ultimate)	( )	( )
Property Line (fee)	( )	( )
Property Interest Areas (easement)	( )	( )
Tract Boundary Line with Identification Number	( )	( )
Type of Acquisition Indicated	( )	( )

DATA TABLE

Tract Identification Number	( )	( )
Date of Acquisition	( )	( )
Federal Aid Project Number	( )	( )
Property Interest (fee or easement)	( )	( )
Acreage	( )	( )

ADDITIONAL COMMENTS: