



Notes:

- The depicted Airport Layout Plan (ALP) is based on ACES satellite survey data (GLT-208350) and other 2D/3D drawing (CAD) sources. Before any engineering, design or construction projects are undertaken, the exact location of existing facilities (above and below ground) should be field checked and verified.
- Runway 5/23 permanently closed for runway operations as per NOTAM # 052975 (KCLT-4298923), decommissioning to occur July 2024 through April 2025. Declassified as Taxiway "J" in existing base map.
- All taxiways are 75 feet wide (Design Group V), unless otherwise noted. Runway Exit Taxiway (RET) widths will vary depending on their location and design.
- For additional airport information, see Sheet 2 - Data Sheet.
- For airport property information, see Sheet 32 - Airport Property Map.
- Modification of Standards (MOS) table is shown on Sheet 2 - Data Sheet.
- Elevations shown are based on vertical datum NAVD83.
- Coordinates shown are based on horizontal datum NAVD83.
- Existing air and roadway elevations were obtained from ACES topographic survey and other geographic sources and include measurable object height clearances (22' for interstates, 17' for interstates, 15' for public roadways, and 10' for private roadways).
- The existing ASDE-X is to be demolished and relocated on the north side of Wilkinson Boulevard per the FAA's siting study. A secondary backup site has been reserved between the existing Runway 19R (existing 19R) and future Runway 19C thresholds.
- All future facility siting and design should be based on having a clear line-of-sight to all airfield movement areas based on the ATCT eye-level elevation.
- The proposed Phase 3 Multimodal expansion area to the south is only a land hold until a permanent site can be determined. If this becomes the permanent site, the future rail line will be tunneled within the Runway 1C BIZ area.
- The Airport owns all properties in the existing RPTZ with the exception of railroads and public roadways. There are plans to acquire properties within all existing and future RPTZs. There are no plans at this time to address the railroads within the existing RPTZ.
- Excel spreadsheets to be provided for obstruction tables.

DRAWING LEGEND			
ITEM	EXISTING	PHASE 1	PHASE 2
GROUND CONTOUR	--- (dashed line)	---	---
AIRPORT PROPERTY LINE (SEE SIMPLE)	---	---	---
DIMENSIONS	---	---	---
BUILDING / PROJECT ID	---	---	---
SECURITY FENCE	---	---	---
RETAINING WALL	---	---	---
END AROUND TAXIWAY VISUAL SCREEN	---	---	---
BUILDINGS (ON-AIRPORT / OFF-AIRPORT)	---	---	---
AIRFIELD PAVEMENT	---	---	---
AIRFIELD SHOULDER PAVEMENT	---	---	---
DEMOLITION	---	---	---
ROADWAYS	---	---	---
ROADWAY / RAILWAY TUNNEL	---	---	---
AUTOMATIC PEOPLE MOVER (APM)	---	---	---
RAILROAD	---	---	---
AIRPORT BEACON	---	---	---
AIRPORT REFERENCE POINT	---	---	---
AIRPORT MONUMENT	---	---	---
PHCS / SACS	---	---	---
AIRPORT SURFACE DETECTION EQUIPMENT (ASDE-X)	---	---	---
NAVD83	---	---	---
WATER FEATURE	---	---	---

DRAWING LEGEND CONT'			
ITEM	EXISTING	PHASE 1	PHASE 2
GLIDESLOPE CRITICAL AREA (GS C.A.)	---	---	---
LOCALIZER CRITICAL AREA (LOC C.A.)	---	---	---
VERY HIGH FREQUENCY OMNIDIRECTIONAL RANGE CRITICAL AREA (VOR C.A.)	---	---	---
TAXIWAY OBJECT FREE AREA (TOFA)	---	---	---
TAXIWAY SAFETY AREA (TSA)	---	---	---
OBSTRUCTION FREE ZONE (OFZ)	---	---	---
BUILDING RESTRICTION LINE (BRL)	---	---	---
APV & PA INSTRUMENT APPROACH SURFACE	---	---	---
INSTRUMENT DEPARTURE SURFACE	---	---	---
PRECISION OBSTACLE FREE ZONE (POFZ)	---	---	---
RUNWAY PROTECTION ZONE (RPTZ)	---	---	---

FUTURE PROJECT LEGEND		
PROJECT NUMBER	PROJECT DESCRIPTION OR EXISTING FACILITY NUMBER BEING REPLACED	TOP OF STRUCTURE ELEVATION (MSL)
F-02	AA Simulator Addition	728
F-03	FBO Terminal Expansion	738
F-07	FBO Station	692
F-08	FBO Ramp Expansion	716
F-11	West Boulevard Renovation	654
F-12	Fourth Parallel Runway	728
F-15	South Ramp Expansion	730
F-16	R-118 (CLT Center)	803
F-17	Phase 1 General Aviation	765
F-21	Concourse C Expansion (16 Gates)	808
F-22	Daily North Parking Deck	824
F-24	Concourse B Expansion (16 Gates)	808
F-25	Phase 2 General Aviation	765
F-26	Stainless Concourse	806
F-27	Automated People Mover (APM)	734
F-28	Long Term 3 Parking Deck	824
F-32	FBO Building	735
F-33	Fibo Parallel Runway	767
F-34	NCANG Hangar and Ramp Expansion	825
F-35	R-201 (AA Line Maintenance Hangar)	TBD
F-36	APM Maintenance Station	TBD
F-37	R-218 (AA Cargo)	TBD
F-38	R-216 (AA GSE)	TBD

FUTURE PROJECT LEGEND		
PROJECT NUMBER	PROJECT DESCRIPTION OR EXISTING FACILITY NUMBER BEING REPLACED	TOP OF STRUCTURE ELEVATION (MSL)
F-39	R-212 (Cargo - Air General, AA Mail Sort, SWA)	TBD
F-40	Phase 1 Cargo Expansion	TBD
F-41	Phase 2 Cargo Expansion	TBD
F-42	Phase 1 Cargo Expansion	TBD
F-43	R-214 (Catering - Cyprus/Pediment)	TBD
F-44	R-217 (LSG Sky Chefs)	TBD
F-45	R-218 (AA Catering)	TBD
F-46	R-245 (AA Line Maintenance Building)	TBD
F-47	AA Heavy Maintenance Expansion Phase 1	TBD
F-48	R-231 (AA IT)	TBD
F-49	R-210 (AA Storage)	TBD
F-50	R-122 (Center Lighting Vault)	TBD
F-51	R-256 (Cyclor Refueling Station)	TBD
F-52	R-214 (Passenger and Menorah)	TBD
F-53	Active Support Expansion Phase 1	TBD
F-54	R-224 (IDS Design)	TBD
F-55	Airport Support Expansion Phase 1	TBD
F-56	R-212 (STS Line & Republic Maintenance)	TBD
F-57	R-209 (Delta GSE)	TBD
F-58	R-211 (Piedmont GSE Maintenance)	TBD
F-59	R-221 (Airport Storage)	TBD
F-60	R-247 (PSA Hangar)	TBD
F-61	R-222 (UPS)	TBD

FUTURE PROJECT LEGEND		
PROJECT NUMBER	PROJECT DESCRIPTION OR EXISTING FACILITY NUMBER BEING REPLACED	TOP OF STRUCTURE ELEVATION (MSL)
F-62	R-223 (Jetstream)	TBD
F-63	Catering Expansion Phase 2	TBD
F-64	Catering Expansion Phase 2	TBD
F-65	Airport Support Expansion Phase 2	TBD
F-66	Concourse B Holdroom Expansion	TBD
F-67	Concourse C Holdroom Expansion	TBD
F-68	South GA Hangar Development Phase 1	TBD
F-70	South GA Hangar Development Phase 2	TBD
F-71	East GA Hangar Development Phase 1	TBD
F-72	North GA Hangar Development Phase 1	TBD
F-73	Remote Storage Tank Facility	TBD
F-75	RDW/Airfield Storage	TBD
F-76	R-248A (R9 Magazine Storage Facility)	TBD
F-77	Concourse A Expansion Phase III (7 Gates)	TBD
F-78	Concourse E Expansion Phase X	TBD

CONDITIONAL APPROVAL

(Reference FAA Order JO50.1F)
FEDERAL AVIATION ADMINISTRATION

Jamal Stovall
Lead Community Planner
Memphis Airports District Office, Memphis, TN

Approval is subject to provisions of the FAA letter dated **03/17/2025**

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SCALE IN FEET

Revised 12/19/2024 (Rev. 1.2024)
Checked by: J. Stovall

Revision Description	Date	By
ALP Plan Set Update	March 2020	L&B
Plan & Risk ALP (multiple)	January 2024 (final)	L&B
ALP Plan Set Update	March 2025	L&B

Charlotte-Douglas
INTERNATIONAL AIRPORT

AIRPORT LAYOUT PLAN

FUTURE AIRPORT LAYOUT PLAN

DESIGNED	DRAWN	CHECKED	APPROVED
L&B	RJCT/BJ	MLG/MSG	CLT

DATE: March 2025
SHEET: 4 of 33