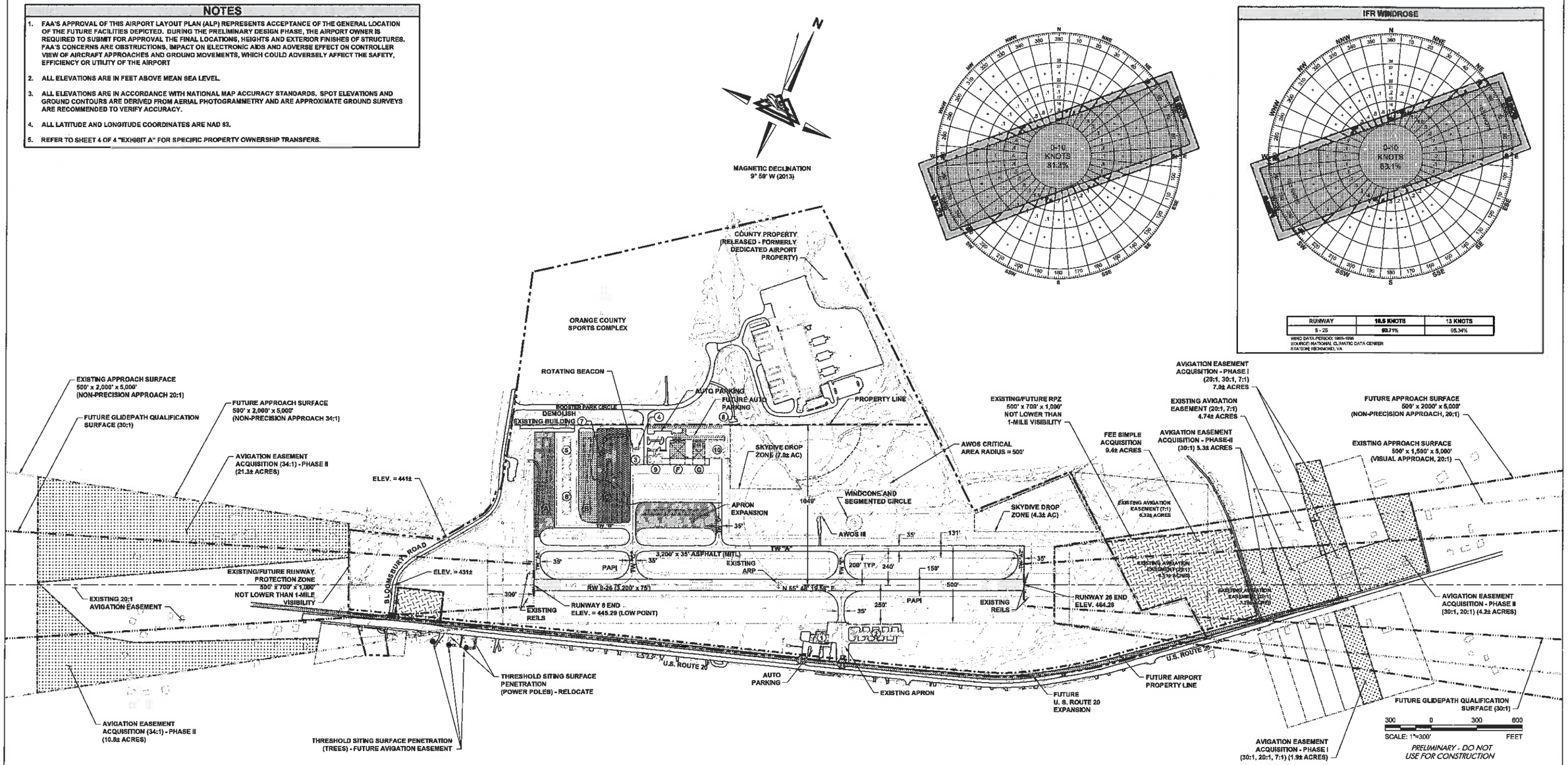
NOTES

1. FAA'S APPROVAL OF THIS AIRPORT LAYOUT PLAN (ALP) REPRESENTS ACCEPTANCE OF THE GENERAL LOCATION OF THE FUTURE FACILITIES DEPICTED. DURING THE PRELIMINARY DESIGN PHASE, THE AIRPORT OWNER IS REQUIRED TO SUBMIT FOR APPROVAL THE FINAL LOCATIONS, HEIGHTS AND EXTERIOR FINISHES OF STRUCTURES. FAA'S CONCERNS ARE OBSTRUCTIONS, IMPACT ON ELECTRONIC AIDS AND ADVERSE EFFECT ON CONTROLLER VIEW OF AIRCRAFT APPROACHES AND GROUND MOVEMENTS, WHICH COULD ADVERSELY AFFECT THE SAFETY, EFFICIENCY OR UTILITY OF THE AIRPORT
2. ALL ELEVATIONS ARE IN FEET ABOVE MEAN SEA LEVEL.
3. ALL ELEVATIONS ARE IN ACCORDANCE WITH NATIONAL MAP ACCURACY STANDARDS. SPOT ELEVATIONS AND GROUND CONTOURS ARE DERIVED FROM AERIAL PHOTOGRAMMETRY AND ARE APPROXIMATE GROUND SURVEYS ARE RECOMMENDED TO VERIFY ACCURACY.
4. ALL LATITUDE AND LONGITUDE COORDINATES ARE NAD 83.
5. REFER TO SHEET 4 OF 4 "EXHIBIT A" FOR SPECIFIC PROPERTY OWNERSHIP TRANSFERS.



FACILITIES INDEX

FACILITY NO.	EXISTING	TOP ELEV.
1	OLD TERMINAL BUILDING	470
2	T-HANGARS (10 UNIT)	465
3	ABOVE GROUND FUEL FARM	463
4	ELECTRICAL VAULT	456
5	T-HANGARS (10 UNIT)	469
6	T-HANGARS (10 UNIT)	469
7	ORIGINAL SKYDIVE ORANGE HANGAR	483
8	SANITARY SEWER PUMP STATION	450
9	NEW TERMINAL BUILDING	470
10	NEW SKYDIVE ORANGE HANGAR	480
FACILITY NO.	**PROPOSED**	**TOP ELEV.**
A	T-HANGARS (20 UNIT)	470
B	T-HANGARS (20 UNIT)	470
C	T-HANGARS (16 UNIT)	471
F	OPEN-SPAN HANGAR	480
G	OPEN-SPAN HANGAR	480

DEVELOPMENT PROGRAM

PHASE I DEVELOPMENT (2013-2015)	
PHASE II DEVELOPMENT (2016-2020)	
ULTIMATE DEVELOPMENT (BEYOND 2020)	

AIRPORT DATA

DESCRIPTION	EXISTING	FUTURE
AIRPORT ELEVATION (MSL)	465.0	465.0
AIRPORT REFERENCE POINT	LAT 38° 14' 49.93"N LONG 78° 02' 44.24"W	LAT 38° 14' 49.93"N LONG 78° 02' 44.24"W
AIRPORT MAGNETIC DECLINATION	9° 59' W (2012)	VARIES
MEAN MAX. DAILY TEMPERATURE	87° F	SAME
AIRPORT & TERMINAL NAVAIDS	ROTATING BEACON, SEGMENTED CIRCLE, AWOS	SAME
RUNWAY REFERENCE CODE	B/II/4000	B/II/4000
CRITICAL AIRCRAFT	BEECHCRAFT SUPER KING AIR B200	BEECHCRAFT SUPER KING AIR B200
NPIAS SERVICE LEVEL	GENERAL AVIATION	SAME
DOAV SERVICE ROLE	GENERAL AVIATION COMMUNITY	SAME

VIRGINIA DEPARTMENT OF AVIATION		FEDERAL AVIATION ADMINISTRATION		SPONSOR	
APPROVED	DATE	APPROVED	DATE	APPROVED	DATE

RUNWAY DATA

DESCRIPTION	EXISTING RW 8	EXISTING RW 26	FUTURE RW 8	FUTURE RW 26
PAVEMENT TYPE	ASPHALT	ASPHALT	SAME	SAME
PAVEMENT STRENGTH (LBS)	S-12,500	S-12,500	SAME	SAME
APPROACH SURFACES	20:1	20:1	34:1	20:1
LIGHTING	MIRL	MIRL	SAME	SAME
MARKING	NON-PREC.	NON-PREC.	SAME	SAME
VISUAL APPROACH AIDS	REIL / PAPI	REIL / PAPI	SAME	SAME
DESIGNATED INSTRUMENT R/W	YES	NO	YES	YES
GRADIENT (%)	0.6% UP	0.6% DOWN	SAME	SAME
MAXIMUM RWY GRADIENT (%)	1.6% UP	1.5% DOWN	SAME	SAME
R/W END LATITUDE	38°14' 43.46"N	38°14' 56.41"N	SAME	SAME
R/W END LONGITUDE	78°03' 02.53"W	78°02' 25.96"W	SAME	SAME
END ELEVATION (MSL)	445.29	464.28	SAME	SAME
NAVAIDS	N/A	N/A	N/A	N/A
RUNWAY LENGTH	3,200'	3,200'	SAME	SAME
RUNWAY WIDTH	75'	SAME	75'	SAME
LINE OF SITE VIOLATIONS	NONE	NONE	NONE	NONE
RUNWAY SAFETY AREA WIDTH	150'	SAME	150'	SAME
RUNWAY SAFETY AREA LENGTH BEYOND RUNWAY ENDS	300'	300'	SAME	SAME
RUNWAY OBJECT FREE AREA WIDTH	500'	SAME	500'	SAME
RUNWAY OBJECT FREE AREA LENGTH BEYOND RUNWAY END	300'	SAME	300'	SAME

LEGEND

DESCRIPTION	EXISTING	FUTURE
AIRPORT PROPERTY LINE		
RUNWAY SAFETY AREA (RSA)		SAME
RUNWAY OBJECT FREE AREA (ROFA)		SAME
RUNWAY PROTECTION ZONE (RPZ)		SAME
TAXIWAY OBJECT FREE AREA (OFA)		SAME
TAXIWAY SAFETY AREA (TSA)		SAME
FENCE		
GROUND ELEVATION CONTOURS		NA
TREE LINE		SAME
AVIGATION EASEMENT		
LAND ACQUISITION	NA	
AIRPORT BUILDINGS		
ROTATING BEACON		
WIND CONE/SEGMENTED CIRCLE		SAME
AIRPORT REFERENCE POINT		SAME
AIRCRAFT TIE-DOWN		
REILS		SAME
AWOS III		SAME
PAPI		SAME
OBSTRUCTION LIGHTS		OL

NO.	REVISIONS	BY	APP.	DATE
9	UPDATE EASEMENTS AND LAND ACQUISITIONS UNDER APH-3; UPDATE EXISTING BUILDINGS AND FACILITIES; UPDATE PHASING	ADS	ADS	01/29/13
8	UPDATE PER APRON & PARKING LOT, REVISE FUTURE APPROACHES, UPDATE PERIMETER FENCE, ADD OGS, UPDATE EASEMENT LIMITS, RELOCATE BEACON, ADD DROP ZONE	MRM	ADS	12/02/09
7	UPDATE PER RW REHAB PROJECT	MRM	ADS	08/25/06
6	DEPICT BLOOMSBURY RD AS EXIST			01/15/02
5	UPDATED PROPERTY LINE			01/15/02
4	REVISED EXISTING RPZ			01/15/02
3	REVISED FUTURE PVMT STRENGTH			01/15/02
2	REVISED CRITICAL AIRCRAFT			01/15/02
1	DELETED RW-25 EXTENSION			01/15/02

AIRPORT LAYOUT PLAN

ORANGE COUNTY AIRPORT
ORANGE, VIRGINIA

DELTA AIRPORT CONSULTANTS, INC.
www.deltaairport.com

DRAWN BY:	MRM	SCALE:	1" = 300'
CHECKED BY:	ADS	DATE:	FEBRUARY 1997

EXHIBIT 1