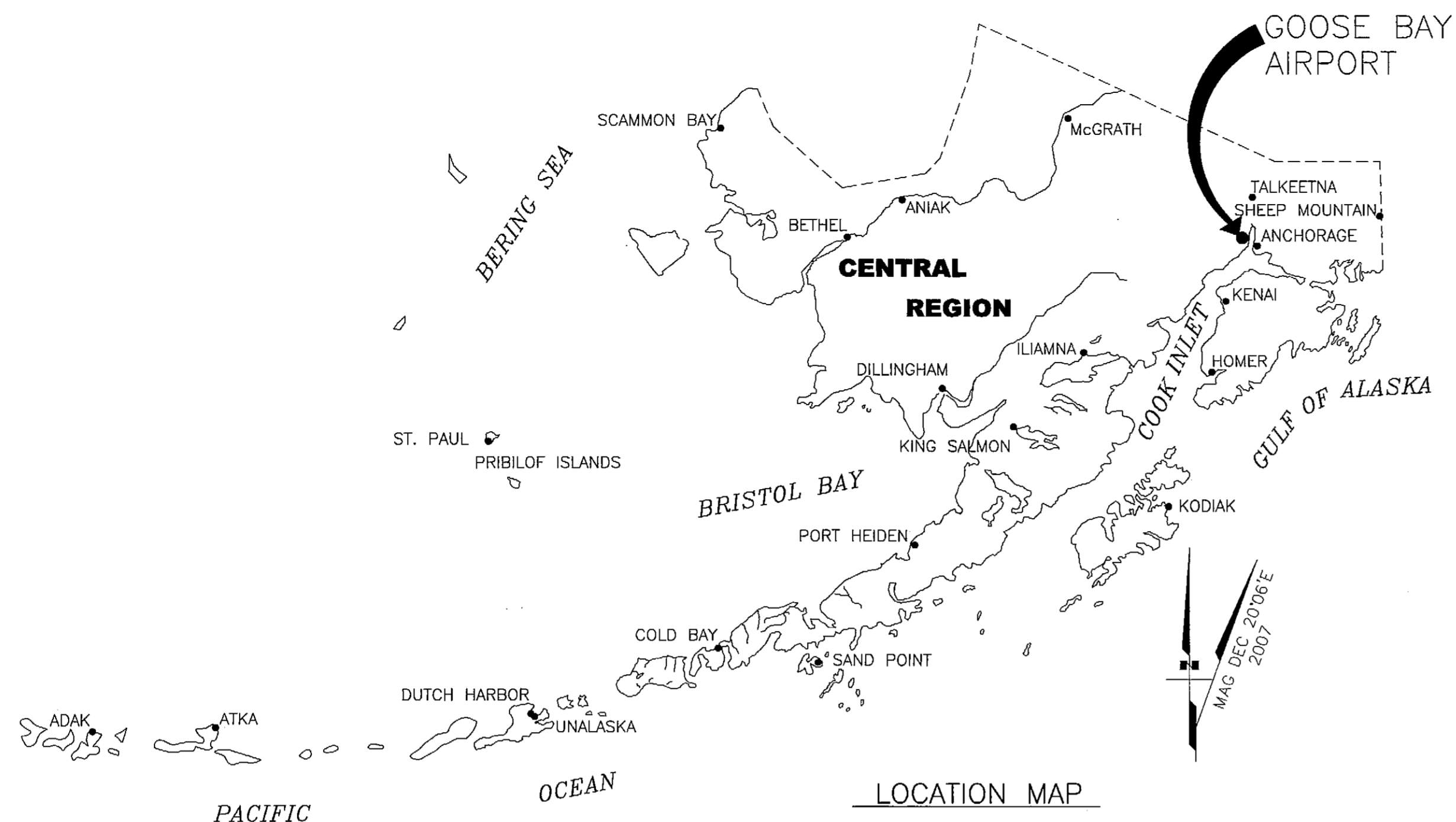


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 Designed By: nitewalyn
 Drawn By: mbauer
 Checked By: bhannon

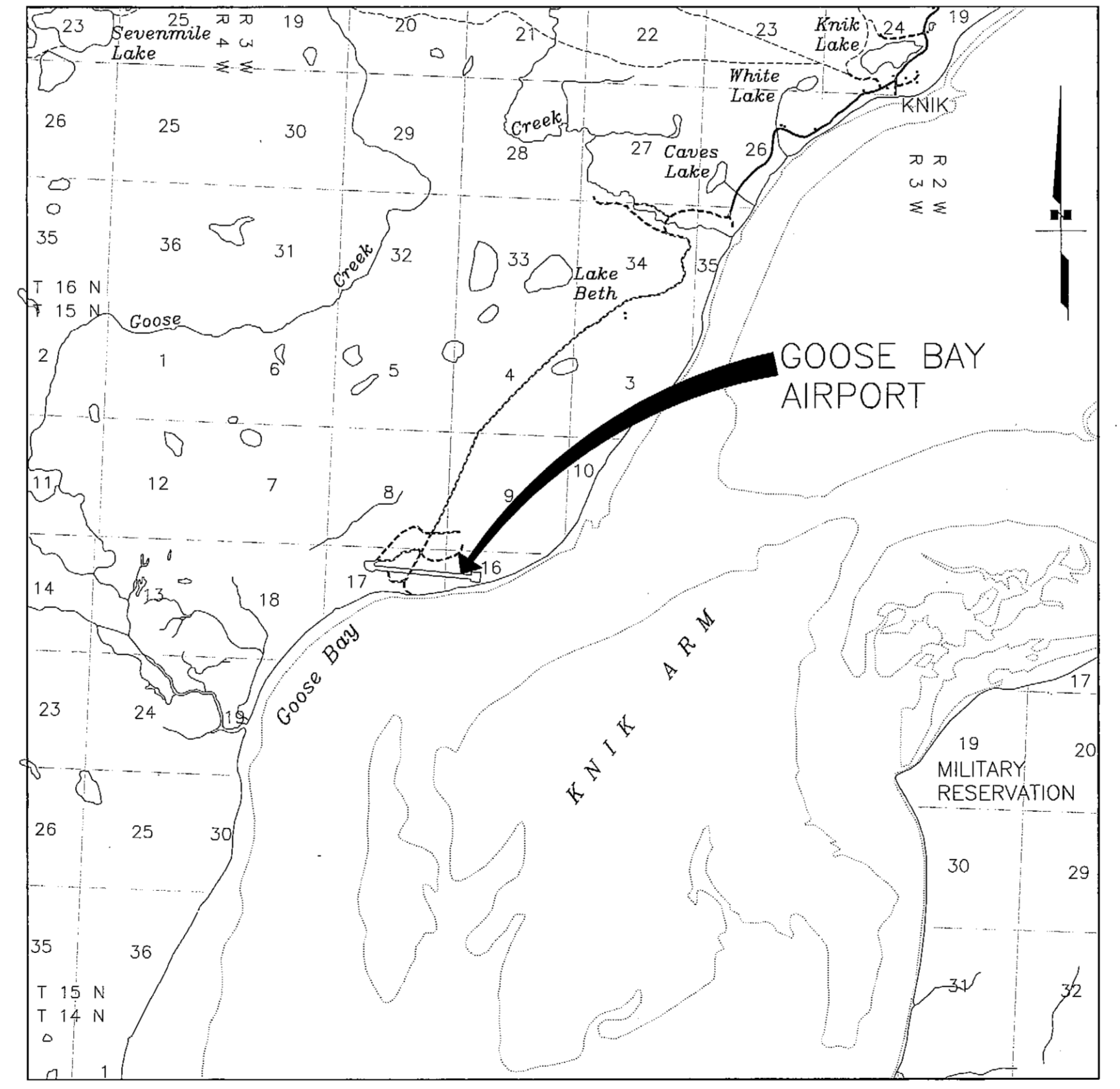
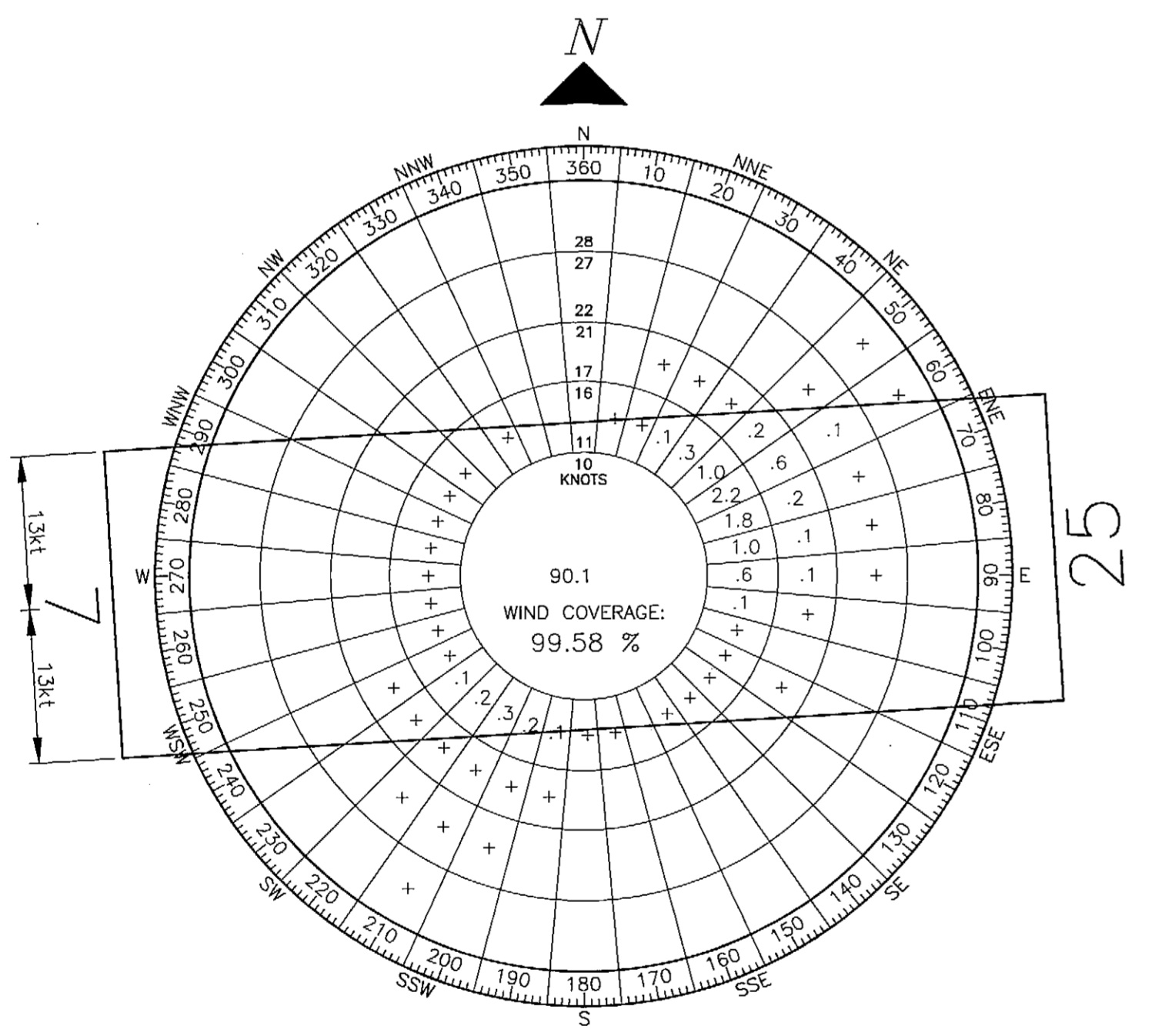


LEGEND		
ITEM	EXISTING	ULTIMATE
AIRPORT REFERENCE POINT (A.R.P.)		
ANTENNA		
BUILDINGS		
BUILDING RESTRICTION LINE		
FENCE		
PROPERTY LINE		
ROADWAYS		
EDGE OF WATER		
TREELINE		
BUSH LINE		
WIND CONE		
WIND CONE AND SEGMENTED CIRCLE		
TREES (SINGLE)		
SHORELINE		

GEOGRAPHIC COORDINATES TABLE		
ITEM	EXISTING LATITUDE	EXISTING LONGITUDE
ARP	61°23'40.74"N	149°50'32.17"W
THRESHOLD RW 07	61°23'41.62"N	149°51'02.92"W
THRESHOLD RW 25	61°23'39.86"N	149°50'01.42"W

AIRPORT DATA TABLE	
ITEM	EXISTING
ICAO IDENTIFIER	NONE
NATIONAL AIRPORT IDENTIFIER	Z40
FAA SITE NUMBER	50278.6*A
AIRPORT ELEVATION NAVD88 (ESTIMATED)	78'
AIRPORT REFERENCE CODE	B II
MEAN MAX. TEMPERATURE, HOTTEST MONTH	JULY, 67.5°F
AIRPORT AND TERMINAL NAVIGATION AIDS	NONE
TAXIWAY LIGHTING/MARKING	NONE
OBSTRUCTION SURVEY SOURCE & TYPE	NONE
MAGNETIC DECLINATION, YEAR, RATE OF CHANGE	20°40'E, 2005, 0°16' (W)/YEAR 19°15'E, 2010, 0°16' (W)/YEAR

RUNWAY 07/25 DATA TABLE	
ITEM	EXISTING
RUNWAY TYPE (UTILITY OR OTHER THAN UTILITY)	UTILITY
FAR PART 77 APPROACH CATEGORY (V, NPI, P)	V
APPROACH SURFACES	20:1
VISIBILITY MINIMUM	≥1 SM
RUNWAY SURFACE	GRAVEL
PAVEMENT STRENGTH SW,DW,DTW,DDTW x1000lbs	N/A
AIRCRAFT APPROACH CATEGORY	B
AIRPLANE DESIGN GROUP	II
TRUE BEARING	N86°35'06"W
EFFECTIVE GRADE	0.09 %
TOUCHDOWN ELEVATION NAVD88 (ESTIMATED)	78'
RUNWAY DIMENSIONS	75' x 3000'
RUNWAY SAFETY AREA (RSA) DIMENSIONS	150' x 3650'
LENGTH BEYOND R/W END	320' / 330'
RUNWAY PROTECTION ZONE (RPZ) DIMENSIONS	250' x 450' x 1000'
RUNWAY OBJECT FREE AREA (ROFA) DIMENSIONS	250' x 3600'
LENGTH BEYOND R/W END OR STOPWAY	300'
RUNWAY OBSTACLE FREE ZONE (ROFZ) DIMENSIONS	250' x 3400'
RUNWAY LIGHTING	NONE
RUNWAY MARKING TYPE	NONE
RUNWAY VISUAL APPROACH AIDS	NONE



1"=1 MILE
 T 15 N, R 4 W, SEC. 16 & 17
 SEWARD MERIDIAN
 U.S.G.S. ANCHORAGE (B-8), ALASKA

MODIFICATION TO STANDARDS/ NON STANDARD CONDITIONS			
DESCRIPTION	STANDARD	EXISTING	ULTIMATE
TREES & BUSHES IN ROFA ALONG BOTH SIDES OF RUNWAY	500'	±200'	500'
TREES IN PRIMARY, APPROACH, AND TRANSITIONAL SURFACES	CLEAR OF OBSTRUCTIONS	TREES	CLEAR OF OBSTRUCTIONS
BUSHES IN TOFA	1.31'	96'	1.31'
TREES AND BUSHES IN ROFZ ALONG BOTH SIDES OF RUNWAY	250'	±200'	250'

- NOTES:**
1. THE RUNWAY THRESHOLDS, ARP, AND TRUE BEARING SHOWN ON THIS ALP HAVE BEEN CALCULATED USING HANDHELD GPS COORDINATES AND AN UNSURVEYED GEO REFERENCED AERIAL PHOTO. THE RUNWAY BEARING INDICATED ON THE 1987 AIRPORT PROPERTY PLAN DIFFERS FROM THE BEARING CALCULATED FOR THIS ALP. THE METHOD USED TO DETERMINE THE RUNWAY BEARING ON THE 1987 PROPERTY PLAN IS UNKNOWN.
 2. AIRPORT ELEVATION AND EFFECTIVE GRADE TAKEN FROM 1986 ALP.

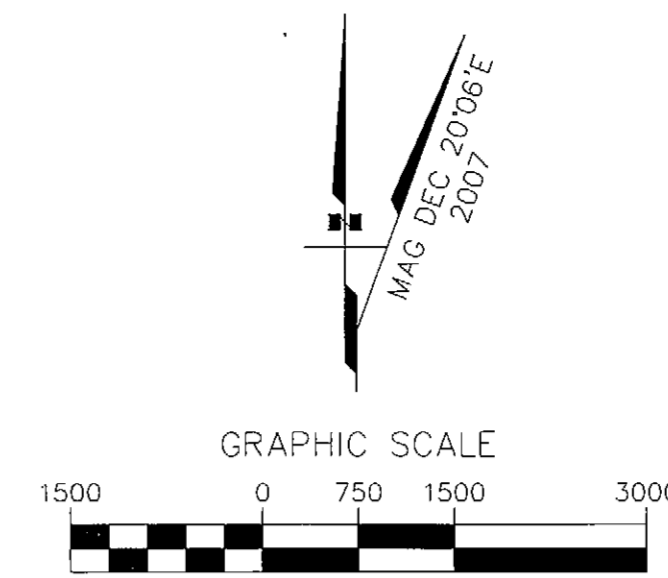
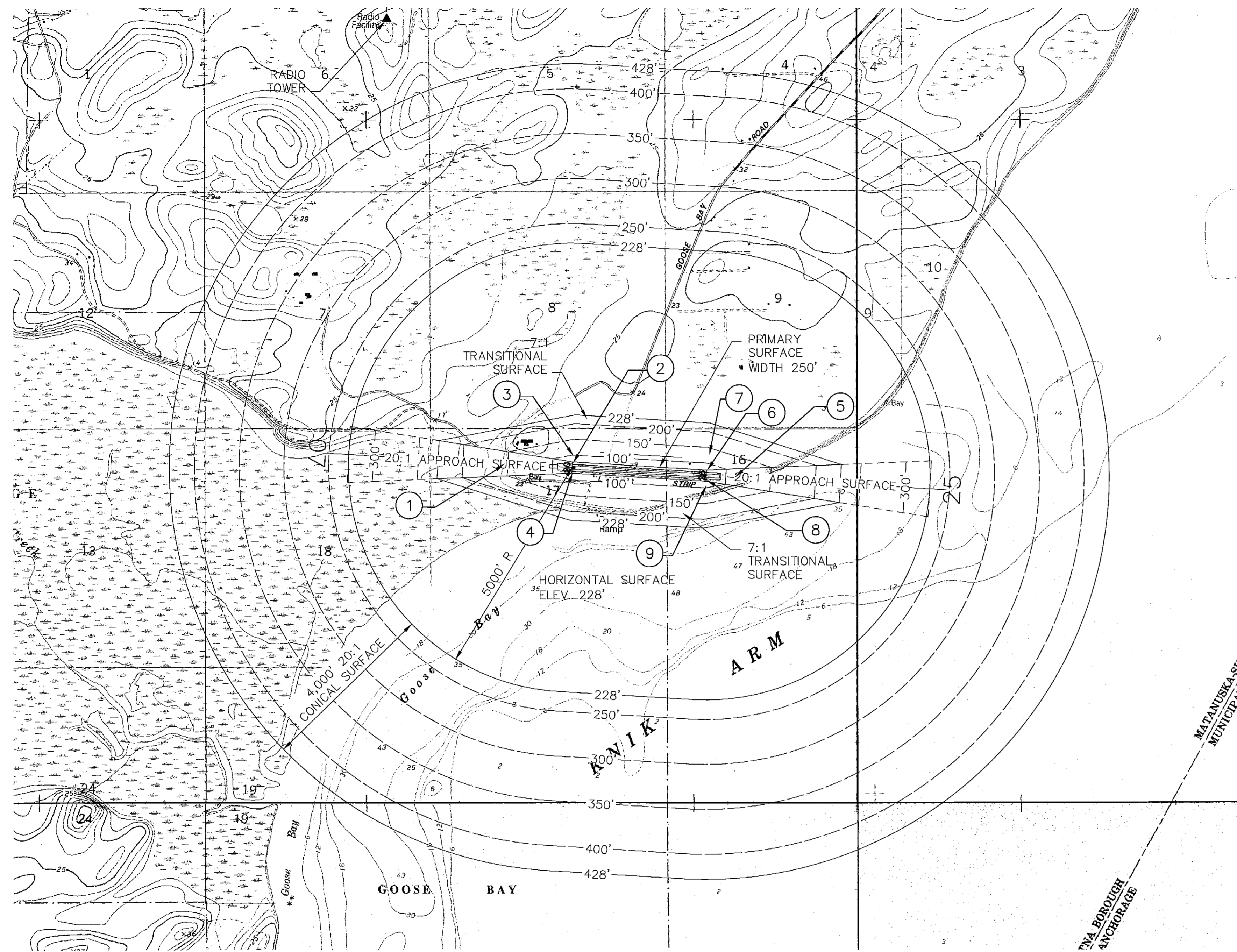
DRAWING INDEX	
SHT #	TITLE
1	AIRPORT DATA SHEET
2	AIRPORT LAYOUT PLAN
3	AIRPORT AIRSPACE

BY	DATE	REVISION
APPROVED:	DATE: 3/20/07	
ROBERT A. CAMPBELL, P.E.	PRECONSTRUCTION ENGINEER	
RECOMMENDED:	DATE: 3/28/2007	
HARVEY M. DOUTHIT, P.E.	DESIGN SECTION CHIEF	

AIRPORT LAYOUT PLAN CONDITIONAL APPROVAL SUBJECT TO ALP APPROVAL LETTER DATED 4/26/07 FAA AIRSPACE REVIEW NUMBER: 07AAL-15-NCA		DATE: 03/15/2007 SHEET: 1 OF 3
STATE OF ALASKA DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES CENTRAL REGION		GOOSE BAY AIRPORT GOOSE BAY, ALASKA AIRPORT LAYOUT PLAN AIRPORT DATA SHEET

* WIND DATA NOT AVAILABLE FOR GOOSE BAY AIRPORT; WIND DATA USED FOR THIS ALP OBTAINED FROM THE WASILLA AIRPORT.
 * Source: WASILLA ASOS 01/11/99 THROUGH 12/31/2000

Date Plotted: 3/15/2007, 1:20 PM
 Layout Name: Part77
 File Name: P:\Projects\059422\059422F\GooseBay\ALP\ALP_GooseBay.dwg
 Designed By: nlewellyn
 Drawn By: mbauger
 Checked By: brinson

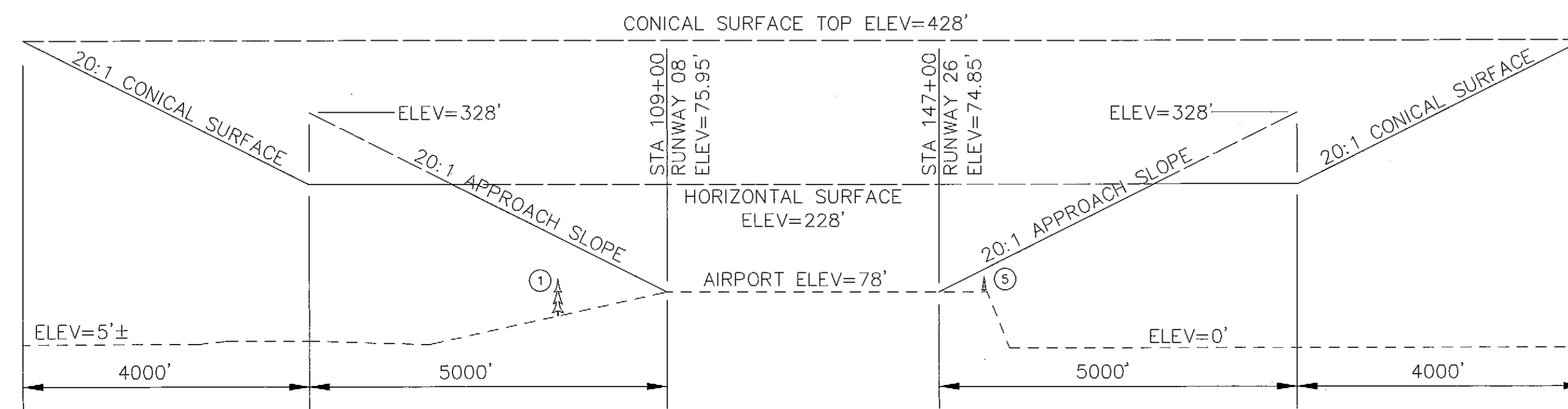


NOTES

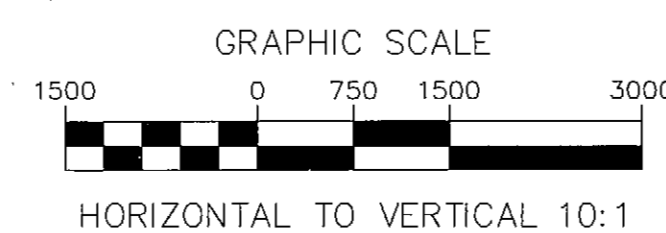
1. TREES PENETRATE TRANSITIONAL SURFACES ALONG BOTH SIDES/ENTIRE LENGTH OF THE RUNWAY, APPROXIMATELY 550' BOTH SIDES OF CENTERLINE.
2. SMALLER BUSHES PENETRATE THE PRIMARY SURFACE, ENTIRE LENGTH OF RUNWAY, BOTH SIDES.
3. TOPO CONTOURS SHOWN IN METERS.
4. LIGHTED "GOOSE BAY TOWER" IS 808' AGL (960' MSL); LATITUDE: 61-25-20.00N LONGITUDE: 149-52-25.00W; 1.87 nm FROM CURRENT ARP.
5. THE RUNWAY 07 CONTROLLING OBSTRUCTION IS A TREE 1,530' FROM THE RUNWAY THRESHOLD. OBSTRUCTION CLEARANCE SLOPE IS 29:1.
6. THE RUNWAY 25 CONTROLLING OBSTRUCTION IS 875' FROM THE RUNWAY THRESHOLD. OBSTRUCTION CLEARANCE SLOPE IS 25:1.
7. PRIMARY SURFACE IS 250' WIDE.
8. A RANGEFINDER WITH A BUILT IN INCLINOMETER WAS USED TO IDENTIFY OBSTRUCTIONS.
9. PART 77 SURFACES BASED ON EXISTING AIRPORT LAYOUT.
10. THE HIGHEST RUNWAY END SITING CRITERIA THAT RUNWAY 7 AND 25 MEETS IS CATEGORY 2.
11. THERE ARE NO PENETRATIONS TO THE CATEGORY 2 RUNWAY END SITING CRITERIA.

PART 77 SURFACE OBSTRUCTIONS TABLE							
ID #	DESCRIPTION	STATION/OFFSET	ELEVATION	SURFACE PENETRATED	SURFACE ELEVATION	AMOUNT PENETRATION	DISPOSITION
1*	TREE	98+70/0'RT	130'	NONE	155'	NONE	N/A
2	TREE	114+00/120'LT	108'	PRIMARY	78'	30'	REMOVE
3	TREE	114+00/261'LT	164'	TRANSITIONAL	97'	67'	REMOVE
4	TREE	114+00/117'RT	108'	PRIMARY	78'	30'	REMOVE
5*	TREE	155+75/0'RT	113'	NONE	137'	NONE	N/A
6	TREE	144+00/123'LT	108'	PRIMARY	78'	30'	REMOVE
7	TREE	144+00/246'LT	144'	TRANSITIONAL	95'	49'	REMOVE
8	TREE	144+00/96'RT	113'	PRIMARY	78'	35'	REMOVE
9	TREE	144+00/230'RT	154'	TRANSITIONAL	93'	61'	REMOVE

* ID# 1 AND 5 ARE NOT PART 77 OBSTRUCTIONS, BUT ARE THE CONTROLLING OBSTRUCTION FOR THE RUNWAY ENDS, SO HAVE BEEN INCLUDED IN THE TABLE.



RUNWAY PROFILE



BY	DATE	REVISION

GOOSE BAY AIRPORT
GOOSE BAY, ALASKA
AIRPORT LAYOUT PLAN

AIRPORT AIRSPACE
14 CFR, PART 77

DATE:	03/15/2007
SHEET:	3
OF	3