

Sheet1

NAVAIDS FOR THE WESTERN HEMISPHERE

Replaces Airpts???.zip (INCLUDES CANADA, USA, CARIBBEAN, CENT & STH AMERICA, & PACIFIC ISLANDS)
NAVWEST1.ZIP

For use with FS4, FS5 and ATP.

NOTE: Nav aids shown with "?" are not known and are fictitious. Use LOTUS WYSIWYG.

ICAO/IATA

ANU

ABA

MYAM

MYAF

0000 BIM

MYEF

MYGF FPO

MYGM

MYIG

MYLD

MYNN NAS

STC

SML

TCB

BGI

BAR

BEF

TXKE BDA

PJB

SBBE BEL

SBBE BEL

CIT

XSC

CAN

SJO

NBW

MUHA HAV

UMZ

TMCC CUR

DOM

MDPC

MDSD SDQ

KFLL FLL

MIA

MIA

MIA

MIA

GCM

Sheet1

GDT
GND
PPR
MTJE
MTFP PAP
COY
MKJP KIN
MBJ
MAR?
FOF
MMAA ACA
MMMX MEX
ENS
MXL
PVR
SQN

TIJ
TIJ
NEV
MGA
ABO
CPX
SIG
MAZ
TJPS PSE
TJSJ SJU
TJSJ SJU
SJU
SAB
SJO
STB
TISX STX
MDSD SDQ
EUS
SKB
HEW
PJM
STT
ETY
TPPP POS

CYYC YYC
CYYC YYC
CYYC YYC
CYOD YOD
CYOD YOD
CYOD YOD
CYOD YOD
CYEG YEG

Sheet1

CYEG YEG
YQF
YQF
CYKA YKA
CYLW YLW
CYCD YCD
CYPW YPW
CYPR YPR
CYAZ YAZ
CYVR YVR
CYVR YVR
CYVR YVR
CYYJ YYJ
CYYJ YYJ
CYYJ YYJ
CYYJ YYJ
CBYR YBR
CBYR YBR
CYWG YWG
CYWG YWG
CYWG YWG
CYWG YWG
CYCL YCL
CYCH YCH
CN3
CYFC YFC
CYFC YFC
CYQM YQM
CYQM YQM
CYQM YQM
CYSJ YSJ
CYSJ YSJ
CYSJ YSJ
CYQX YQX
CYQX YQX
GYR-YYR
CYYR YYR
CYYT YYT
CYYT YYT
CYYT YYT
CYJT YJT
YHZ
YHZ

CYZX YZX
CYHZ YHZ
CYHZ YHZ
YPD
CYQW YAW

Sheet1

CYQW YAW

FVP

CYQY YQY

CYQY YQY

CYQI YQI

CYZF YZF

CYZF YZF

NC3

YFD

YKZ

YCC

YZD

CYHM YHM

CYHM YHM

CYHM YHM

CYBK YBK

CYBK YBK

CYBK YBK

CYXU YXU

CYXU YXU

CYYB YYB

CYYB YYB

CYYB YYB

0000 YOO

CYOW YOW

CYOW YOW

CYOW YOW

CYOW YOW

CYAM YAM

CYAM YAM

CYSN YSN

CYSN YSN

CYSN YSN

STF

CYSB YSB

CYSB YSB

CYQT YQT

CYQT YQT

CYZD YZD

0000 YTZ

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CYYZ YYZ

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CYYZ YYZ

Sheet1

CYTR YTR
CYTR YTR
YKF
YKF
CYQG YQG
CYQG YQG
CYQG YQG
CYYG YYG

CYSU YSU
CYSU YSU
CYBC YBC
YRC
YRC
YRC
YDRU?
0000 YGP
CYND YND
0000 YGR
CYUL YUL
CYUL YUL
CYUL YUL
CYUL YUL
CYMX YMX
CYMX YMX
CYMX YMX
YHU
CYQB YQB
CYQB YQB

CYRI YRI

CYZV YZV
YHU
YJN
CYRQ YRQ
CYVO YVO
CYQR YQR
CYQR YQR
CYXE YXE
CYXE YXE
CYXY YXY
CYXY YXY
YXY
*
KANC ANC
KANC ANC
BCQ
EDF
GAM
0000 KDI

Sheet1

TKA
KPHX PHX
KPHX PHX
KTUS TUS
KTUS TUS

CA01

L54

NGZ

CA02

O00

203

ACV

001

AVX

002

L45

BFL

L91

BNG

00CA

O02

O55

BIH

04CA

BLH

BWC

O57

BUR

4Q5

CXL

L71

CMA

O61

SYL

CRQ

O62

CIB

O59

O05

CIC

O23

NID

CNO

206

209

O60

CLG

308

Sheet1

O22
O08
CPM
CCR
004
O09
CEC
NRC
DAG
L06
L09
DLO
L64
Q25
O10
CA03
106
CA04
EDW
9L2
NJK
EMT
O19
O33
EKA
8Q0
SUU
O89
Q49
CA06
OAR
FOT
Q53
FAT
FCH
Q60
FUL
O16
009
O17
Q68
Q69
HAF
36S
HHR
Q72
HWD
O31
HMT

Sheet1

AHC
307
O21
Q75
IPL
NRS
IYK
O70
L80
KIC
S51
POC
TVL
TVL
102
WJF
O24
NLC
O51
O48
LVK
103
Q80
O20
LPC
VBG
VBG
KLGB LGB
KLGB LGB
LGB
SLI
KLAX LAX
KLAX LAX
KLAX LAX
LAX
LAX
LSN
MAE
MMH
BAB
MYV
Q84
MER
MCE
MOD
MHV
105
SIY
MRY

Sheet1

MRY
NUQ
APC
EED
UNZ
KOAK OAK
KOAK OAK
KOAK OAK
NFG
ONT
ONT
OVE
OXR
NTD
PSP
PMD
PAO
Q88
PRB
PRB
O69
PVF
PTV
2O1
RIU
O39
RBL
O85
Q93
RDD
O74
L12
O32
L67
Q94
O88
RIV
RAL
L00
Q95
SBD
SQL
NUC
SDM
SEE
NZY
KSAN SAN
SAN
NKX

Sheet1

MYF
KSFO SFO
KSFO SFO
KSFO SFO
KSJC SJC
RHV
SBP
CSL
SBP
Q99
NSI
SRF
KSMF SMF
KSMF SMF
KSMF SMF
MHR
MCC
Q96
SNS
0Q4
MIT
0Q6
0Q9
NZJ
NZJ
SNA
0000 SBA
SBA
SMX
SMX
0000 SMO
O01
STS
SCK
LRO
SVE
1Q2
L17
TSP
TRM
TOA
O36
1Q4
O86
L72
TRK
1Q7
TLR
O81

Sheet1

NTK
TNP
NXP
UKI
VNY
VBG
2Q0
VCV
O37
VIS
Q31
L19
WVI
O54
O46
O28
WLW
2Q3
O41
OSI
O52

KDEN DEN
KBDL BDL
KBDL BDL
KBDL BDL
0000 BDR
0000 HFD
0000 HFD
0000 OXC
KBDL BDL
KBDL BDL
KBDL BDL

KDCA DCA
KDCA DCA
KIAD IAD
KIAD IAD
KIAD IAD
KIAD IAD
KIAD IAD
PIE
KDAB DAB
KFLF FLL
KJAX JAX
KJAX JAX
0000 EYW
KMIA MIA
KMIA MIA

Sheet1

KMIA MIA
KMIA MIA
KMCO MCO
PBI
KPIE PIE
KTPA TPA
KTPA TPA
KTPA TPA
KTPA TPA
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KPBI PBI
KATL ATL
KATL ATL
KATL ATL
KATL ATL
KATL ATL
KATL ATL
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KSAV SAV
BRL
MPZ
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MDH
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0000 CMI
KORD ORD
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KORD ORD
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DPA
DPA
HSB
0000 IKK
CGX
CGX
PRG
MWA
SIV
HUF
KBTR BTR
KBTR BTR
NBG
BXA
LAS
LA8
L49
OR9

Sheet1

HUM
MSY
KMSY MSY
KMSY MSY
KMSY MSY
LA3
LA3
KBOS BOS
KBOS BOS
KBOS BOS
KBOS BOS
KBOS BOS
HYA
0000 MVY
0000 ACK
KBAL BAL

KBGR BGR
KBGR BGR
0000 RTE
KPQI PQI
KPQI PQI
SFN
SFN

KDTW DTW
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KDTW DTW
JVL

KMSP MSP
KMSP MSP
KMSP MSP
KSTL STL
KBIL BIL

KMSO MSO
KCLT CLT
EGCC MHT
KACY ACY
KACY ACY
KACY ACY
KEWR EWR
KEWR EWR
KEWR EWR
KABQ ABQ
9U3
BAM
BTY
O04
9U8

Sheet1

NV11
EKO
ELY
05U
FLX
NFL
HTH
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06U
KLAS LAS
KLAS LAS
LSV
VGT
L15
LOL
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L23
MEV
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U08
10U
1L1
KRNO RNO
4SD
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O43
KALB ALB
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KBUF BUF
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Sheet1

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KSYR SYR
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KAKR CAK
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KCLE CLE
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0000 TOL
KTUL TUL
KTUL TUL
0000 EUG
KMFR MFR
KPDX PDX
KPDX PDX
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KHAR HAR
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KPHL PHL
KPIT PIT
0000 BID
KPWD PVD
KCHS CHS
KCHS CHS
KMEM MEM
KMEM MEM
KBNA BNA
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CMA
DFW
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MPV

Sheet1

KBTV BTV
BLI

KPAE PAE
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KBFI BFI
KSEA SEA
KSEA SEA
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RYV

KCPR CPR
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KJAC JAC

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NOTES

Caribbean (Listed Under U.S.)
United States
After US means California (US-CA)
At beginning means Canada (CA-ON)

PLEASE GIVE ME INFO ON MISSING DATA TO UPDATE THIS FILE!

Show corrections and additions in WordPerfect or in any format, upload it
and I will incorporate these changes in the next revised file. Thanks!

U.S. and Canada are sorted in States/Provinces. See list below.

IDEAS?

or USENET alfredgrech@canrem.com 1:229/15 in Toronto, Canada

Compiled by Alfred Grech, North York, Ontario

CITY	Sc
** CARIBBEAN **	
ANTIGUA USVI	07
ARUBA Oranjestad	07
BAH Abacos	07
BAH Acklins Isl	07
BAH Andros N	07
BAH Andros S	07
BAH Bimini Islands	07
BAH Exumas	07
BAH Freeport	07
BAH Grand Isl	07
BAH Inagua Great	07
BAH Long Island	07
BAH Nassau	07
BAH Stan Cay	07
BAH Stella Maris	07
BAH Treasure Key	7
BARBADOS BrgTown	07
BARBUDA Isl	07
BEEF Island UK	07
BERMUDA Kindley	07
BONAIR	07
BRAZIL Belem	07
BRAZIL Belem	07
CAICOS N UK	07
CAICOS S UK	07
CANOUAN Island	07
COSTA Rica S Jose	07
CUBA Guantan Bay	07
CUBA Hav J Marti	07
CUBA Manzanillo	07
CURACAO Island	07
DOMINICA Isl UK	07
DR Puerto Plata	07
DR Santo Domingo	07
FLOR Ft Jefferson	07
FLOR Ft Lauderdale	07
FLOR Miami	07
FLOR Miami	07
FLOR Miami	07
FLOR Miami	07
GAND CAYMAN US	07

Sheet1

GRAND TURK Isl	07
GRENADA Pnt Salin	07
GUADAL PtAPtr FR	07
HAITI Jeremie	07
HAITI Prt Aux Prince	07
HAMILTON Alex	07
JAM Kingston S	07
JAM Montego Bay	07
MARQUESA FL	07
MARTINIQUE FtDeFR	07
MEX Acapulco	07
MEX El Estado	07
MEX Ensenada	07
MEX Mexicali	07
MEX Prto Vallarta	07
MEX St Quintin	07
MEX St Tomas	07
MEX Tijuana	07
MEX Tijuana	07
NEVIS Gold Rk USVI	07
NICARAGUA Managua	07
P RICO Arecibo	07
P RICO Culebra	07
P RICO Isla Grande	07
P RICO Mayaguez	07
P RICO Ponce	07
P RICO S Juan	07
P RICO S Juan	07
P RICO S Juan	07
SABA Island Neth	07
SAN JOSE Costa Rica	07
ST BARTHELEMY Fr	07
ST CROIX USVI	07
ST DOMINGO DR	07
ST EUSTATIUS Neth	07
ST KITTS Leeward Is	07
ST LUCIA Hewanorra	07
ST MAARTEN PrJul	07
ST THOMAS Cyr King	07
ST VINCENT Island	07
TRINIDAD Prt of Spn	07
*** CANADA ***	
CALGARY	Def
CALGARY	Def
CALGARY	Def
COLD LAKE	Def
COLD LAKE	Def
COLD LAKE	Def
EDMONTON	Def

Sheet1

EDMONTON	Def
RED DEER	Def
RED DEER	Def
KAMLOOPS	Def
KELOWNA	Def
NANAIMO	Def
POWELL RIVER	Def
PRINCE RUPERT	Def
TOFINO	Def
VANCOUVER	Def
VANCOUVER	Def
VANCOUVER	Def
VICTORIA	Def
VICTORIA	Def
VICTORIA	Def
VICTORIA	Def
BRANDON	Def
BRANDON	Def
WINNIPEG	Def
WINNIPEG	Def
WINNIPEG	Def
WINNIPEG	Def
CHARLO	12
CHATHAM	12
EDMUNSTON	12
FREDERICTON	12
FREDERICTON	12
MONCTON	12
MONCTON	12
MONCTON	12
SAINT JOHN	12
SAINT JOHN	12
SAINT JOHN	12
GANDER	12
GANDER	12
GOOSE BAY	12
GOOSE BAY	12
ST JOHN'S	12
ST JOHN'S	12
ST JOHN'S	12
STEPHENVILLE	12
DEBERT	12
DEBERT	12
DIGBY	12
GREENWOOD	12
HALIFAX	12
HALIFAX	12
PORT HAWKSBRY	12
SHEARWATER	12

Sheet1

SHEARWATER	12
ST PIERRE (Fr)	12
SYDNEY	12
SYDNEY	12
YARMOUTH	12
YELLOWKNIFE	Def
YELLOWKNIFE	Def
BRAMPTON	11
BRANTFORD	11
BUTTONVILLE	11
CORNWALL	11
DOWNSVIEW	11
HAMILTON	11
HAMILTON	11
HAMILTON	11
KINGSTON	11
KINGSTON	11
KINGSTON	11
LINDSAY	11
LONDON	11
LONDON	11
NORTH BAY	11
NORTH BAY	11
NORTH BAY	11
OSHAWA	11
OTTAWA	11
OTTAWA	11
OTTAWA	11
OTTAWA	11
SAULT Ste Marie	11
SAULT Ste Marie	11
ST CATHARIN	11
ST CATHARIN	11
ST CATHARIN	11
STURG FALLS	11
SUDBURY	11
SUDBURY	11
THUNDER BAY	11
THUNDER BAY	11
TORONTO D/View	11
TORONTO Island	11
TORONTO Island	11
TORONTO Island	11
TORONTO Pears	11
TORONTO Pears	11
TORONTO Pears	11
TORONTO Pears	11
TORONTO Pears	11
TORONTO Pears	11

Sheet1

TRENTON	11
TRENTON	11
WATERLOO	11
WATERLOO	11
WINDSOR	11
WINDSOR	11
WINDSOR	11
CHARLOTTOWNE	12
EAST POINT	12
SUMMERSIDE PEI	12
SUMMERSIDE PEI	12
BAIE-COMEAU	12
CHICOUTIMI	12
CHICOUTIMI	12
CHICOUTIMI	12
DRUMMONDVILLE	12
GASPE	12
GATINEAU	12
ISLE DE LA MAD	12
MONTREAL Dorv	12
MONTREAL Dorv	12
MONTREAL Dorv	12
MONTREAL Dorv	12
MONTREAL Mirab	12
MONTREAL Mirab	12
MONTREAL Mirab	12
MONTREAL St Hub	12
QUEBEC Int'l	12
QUEBEC Int'l	12
RIVIERE DU LOUP	12
SEPT-ILES	12
ST HUBERT	12
ST JEAN	12
TROIS RIVIERE	12
VAL D'OR	12
REGINA	Def
REGINA	Def
SASKATOON	Def
SASKATOON	Def
WHITEHORSE	Def
WHITEHORSE	Def
WHITEHORSE	Def
*** U.S.A. ***	
ANCHORAGE	Def
ANCHORAGE	Def
BIG LAKE	Def
ELMENDORF	Def
GAMBEL Int'l	Def
KENAI KENAI Mun	Def

Sheet1

TALKEETNA	Def
PHOENIX	Def
PHOENIX	Def
TUCSON Int'l	Def
TUCSON Int'l	Def
ADIN	WST
AGUA CALIENTE SPRINGS	WST
ALAMEDA	WST
ALTURAS	WST
ALTURIS	WST
ANGWIN Virgil Parrett	WST
ARCATA/EUREKA	WST
ATWATER Muni	WST
AVALON Catalina	WST
BAKER	WST
BAKERSFIELD	WST
BAKERSFIELD Meadow	WST
BAKERSFIELD Rio Bravo	WST
BANNING	WST
BARSTOW Goldstone	WST
BECKWOURTH Nervino	WST
BIEBER Southard Fld	WST
BISHOP	WST
BISHOP Coyote Flats	WST
BLYTHE	WST
BRAWLEY	WST
BRIDGEPORT Bryant	WST
BURBANK Glendale	WST
BYRON	WST
CALEXICO Intl	WST
CALIFORNIA CITY	WST
CAMARILLO	WST
CAMERON PARK	WST
CAMP ROBERTS/SAN MIGUEL	WST
CARLSBAD McClellan	WST
CARMEL VALLEY	WST
CATALINA	Def
CEDARVILLE	WST
CHESTER	WST
CHICO	WST
CHICO Ranchoero	WST
CHINA LAKE NWC	WST
CHINO	WST
CHOWCILLA	WST
CLEAR LAKE Pearce Fld	WST
CLEARLAKE	Def
CLOVERDALE Muni	WST
COALINGA	WST
COALINGA Harris Rnch	WST

Sheet1

COLUMBIA	WST
COLUSA County	WST
COMPTON	WST
CONCORD Buchanan	WST
CORNING	WST
COVELO Round Valley	WST
CRESCENT CITY McNam	WST
CROWS LANDING	WST
DAGGET Barstow	WST
DEATH VAL NAT MON	WST
DEATH VAL Stovepipe	WST
DELANO	WST
DESERT CENTER	WST
DINSMORE	WST
DINUBA Alta	WST
DORRIS Butte Valley	WST
DUNSMUIR	WST
EAGLEVILLE	WST
EDWARDS AFB	WST
EDWARDS (Aux No)	WST
EL CENTRO	WST
EL MONTE	WST
EUREKA Kneeland	WST
EUREKA Munic	WST
EUREKA Muury Fld	WST
FAIRFIELD Aero Club	WST
FAIRFIELD Travis AFB	WST
FALL RIVER MILLS	WST
FIREBAUGH	WST
FORT JONES Scott V	WST
FORT ORD/MONTEREY	WST
FORTUNA Rohnerville	WST
FRANKLIN	WST
FRESNO Air Term	WST
FRESNO Downtown	WST
FRESNO Sierra Skypark	WST
FULLERTON Munic	WST
GARBERVILLE	WST
GASQUET Ward Field	WST
GRASS VALLEY Nev Cty	WST
GROVELAND Pine Mtn	WST
GUALALA Ocean Ridge	WST
HALF MOON BAY	WST
HAPPY CAMP	WST
HAWTHORNE	WST
HAYFORK	WST
HAYWARD	WST
HEALDSBURG	WST
HEMET Ryan	WST

Sheet1

HERLONG Amedee AAF	WST
HOLLISTER	WST
HOOPA	WST
HYAMPOM	WST
IMPERIAL	WST
IMPERIAL BEACH Navy	WST
INYOKEM	WST
JACKSON Amador Westov	WST
JOSHUA TREE Hi Des	WST
KING CITY Mesa D Ray	WST
KLAMATH GLEN McBeth	WST
LA VERNE Brackett	WST
LAKE TAHOE	Def
LAKE TAHOE South	WST
LAKEPORT Lampson	WST
LANCASTER WJ Fox	WST
LEE VINING	WST
LEEMORE Reeves Fld	WST
LINCOLN	WST
LITTLE RIVER	WST
LIVERMORE	WST
LODI	WST
LODI Airpark	WST
LODI Kingdon Airpark	WST
LOMPOC	WST
LOMPOC Vandenb AFB	WST
LOMPOC Vandenb AFB	WST
LONG BEACH	Def
LONG BEACH	Def
LONG BEACH Dougherty	WST
LOS ALIMITOS AAF	WST
LOS ANGELES	Def
LOS ANGELES	Def
LOS ANGELES	Def
LOS ANGELES Intl	WST
LOS ANGELES Intl	WST
LOS BANOS	WST
MADERA	WST
MAMMOTH LAKES	WST
MARYSVILLE Beal AFB	WST
MARYSVILLE Yuba	WST
MENDOTA	WST
MERCED Castle AFB	WST
MERCED Macready	WST
MODESTO Harry Sham	WST
MOJAVE	WST
MONTAGUE Rohrer Fld	WST
MONTAGUE Siskiyou	WST
MONTEREY Peninsula	WST

Sheet1

MONTEREY Peninsula	Def
MOUNTAIN VW Moffat	WST
NAPA County	WST
NEEDLES	WST
NIMITZ	
OAKLAND Int'l	Def
OAKLAND Int'l	Def
OAKLAND Int'l	Def
OCEANSIDE Cmp Pendlet	WST
ONTARIO Intl	WST
ONTARIO Intl	WST
OROVILLE Munic	WST
OXNARD	WST
OXNARD Point Mugu	WST
PALM SPRINGS	WST
PALMDALE	WST
PALO ALTO	WST
PARADISE Skypark	WST
PASO ROBLES	WST
PASO ROBLES	Def
PETALUMA	WST
PLACERVILLE	WST
PORTERVILLE	WST
QUINCY Gansner Fld	WST
RANCHO MURIETA	WST
RAVENDALE	WST
RED BLUFF	WST
REDDING Benton Fld	WST
REDDING Enterp Skyp	WST
REDDING Munic	WST
REDDING Sky Ranch	WST
REDLANDS Munic	WST
REEDLEY	WST
RIALTO Miro Field	WST
RIO LINDA	WST
RIO VISTA Munic	WST
RIVERSIDE March AFB	WST
RIVERSIDE Munic	WST
ROSAMOND Skypark	WST
RUTH	WST
S BERNADINO Nrtn	WST
S CARLOS	WST
S CLEMENTE Isl	WST
S DIEGO Brown Fld	WST
S DIEGO Gillespie	WST
S DIEGO Halsey Fld	WST
S DIEGO Lindbergh Fld	Def
S DIEGO Lindbergh Fld	WST
S DIEGO Miramar	WST

Sheet1

S DIEGO Montgom	WST
S FRANCISCO	Def
S FRANCISCO	Def
S FRANCISCO	Def
S JOSE	Def
S JOSE S Clara Cty	WST
S LUIS Obispo	Def
S LUIS Obispo Camp	WST
S LUIS OBISTO McChesney	WST
S MARTIN Sth Cnty	WST
S NICOLAS Island	WST
S RAFAEL Hamilton	WST
SACRAMENTO	WST
SACRAMENTO	WST
SACRAMENTO Exec	WST
SACRAMENTO Mather	WST
SACRAMENTO McClel	WST
SACRAMENTO Natomas	WST
SALINAS	WST
SELMA	WST
SHAFTER Minter Field	WST
SHINGLETOWN	WST
SONOMA Skypark	WST
STA ANA	Def
STA ANA El Toro	WST
STA ANA OR J Wayne	WST
STA BARBARA	Def
STA BARBARA Munic	WST
STA MARIA	Def
STA MARIA Public	WST
STA MONICA	Def
STA ROSA Air Ctr	WST
STA ROSA Sonoma	WST
STOCKTON Metro	WST
STOCKTON Sharpe AAF	WST
SUSANVILLE Munic	WST
SUSANVILLE Spaulding	WST
TAFT Kern County	WST
TEHACHAPI Munic	WST
THERMAL	WST
TORRANCE Munic	WST
TRACY Munic	WST
TRACY New Jerusalem	WST
TRINITY CENTER	WST
TRONA	WST
TRUCKEE Tahoe	WST
TULARE Gallagher	WST
TULARE Medford Fld	WST
TULELAKE Munic	WST

Sheet1

TUSTIN MCAS	WST
TWENTYNINE Palms	WST
TWENTYNINE Palms EAFALMS	WST
UKIAH Munic	WST
VAN NUYS	Def
VANDERBERG	Def
VERONA Riego Flt Shp	WST
VICTORVILLE George AFB	WST
VISALIA Haigh Fld	WST
VISALIA Munic	WST
VISALIA Sequoia Field	WST
WASCO Kern County	WST
WATSONVILLE Munic	WST
WEAVERVILLE Lonnie	WST
WEED	WST
WILLITS Ells Fld Willits	WST
WILLOWS Glen Cnty	WST
WINTERS/Davis/Woodland	WST
WOODLAND/Watts	WST
WOODSIDE	Def
YUBA CITY Sutter Cnty	WST
DENVER	Def
BRADLEY Winds Lck	07
BRADLEY Winds Lck	07
BRADLEY Winds Lck	07
BRIDGEPORT Sik	07
HARTFORD Brainard	07
HARTFORD Brainard	07
WATERBURY	07
WINDSOR LK Brad	07
WINDSOR LK Brad	07
WINDSOR LK Brad	07
ANDREWS AFB	07
ANDREWS AFB	07
WASHING Int'l	07
WASHING Int'l	07
WASHINGTON Dulles	07
WASHINGTON Dulles	07
WASHINGTON Dulles	07
WASHINGTON Dulles	07
WASHINGTON Dulles	07
CLEARWATER	07
DAYTONA BCH	07
FT LAUDERDALE	07
JACKSONVILLE	07
JACKSONVILLE	07
KEY WEST	07
MIAMI	07
MIAMI	07

Sheet1

MIAMI	07
MIAMI	07
ORLANDO	07
PALM BEACH	07
ST PETERSBURG	07
TAMPA	07
TAMPA	07
TAMPA	07
TAMPA	07
WEST PALM BCH	07
ATLANTA Hartsfield	07
ATLANTA Hartsfield	07
ATLANTA Hartsfield	07
ATLANTA Hartsfield	07
ATLANTA Hartsfield	07
ATLANTA Hartsfield	07
ATLANTA Hartsfield	07
ATLANTA Hartsfield	07
SAVANNAH Int'l	07
BURLINGTON	Def
MOUNT PLEASANT	Def
AURORA Mun	Def
CARBONDALE/Mur	Def
CARBONDALE/Mur	Def
CARBONDALE/Mur	Def
CHAMPAIGN	Def
CHICAGO O'Hare	Def
CHICAGO O'Hare	Def
CHICAGO O'Hare	Def
CHICAGO O'Hare	Def
CHICAGO O'Hare	Def
DUPAGE County	Def
DUPAGE County	Def
HARRISBURG/Ral	Def
KANKAKEE	Def
MEIGS	Def
MEIGS FIELD	Def
PARIS Illinois	Def
WILLIAMSON Co Reg	Def
SULLIVAN County	Def
TERRE HAUTE Hulm	Def
BATON ROUGE	Def
BATON ROUGE	Def
BELLE CHASSE	Def
BOGALUSA	Def
COVINGTON	Def
COVINGTON	Def
GALLIANO	Def
HAMMOND	Def

Sheet1

HOUMA	Def
NEW ORLEANS	Def
NEW ORLEANS Int'l	Def
NEW ORLEANS Int'l	Def
NEW ORLEANS Int'l	Def
NEW ORLEANS L/F	Def
NEW ROADS	Def
BOSTON Logan	12
BOSTON Logan	12
BOSTON Logan	12
BOSTON Logan	12
BOSTON Logan	12
HYANNIS	12
MARTHA'S V'YARD	12
NANTUCKET	12
BALTIMORE	12
MARYLAND	12
BANGOR	12
BANGOR	12
BEDFORD	12
PRESQUE ISLE	12
PRESQUE ISLE	12
SANFORD	12
SANFORD	12
DETROIT Mtro Wayne	11
DETROIT Mtro Wayne	11
DETROIT Mtro Wayne	11
DETROIT Mtro Wayne	11
JANESVILLE	06
MINNEAPOLIS	Def
MINNEAPOLIS	Def
MINNEAPOLIS	Def
ST LOUIS	Def
BILLINGS	Def
MISSOULA	Def
CHARLOTTE	11
MANCHESTER	Def
ATLANTIC CITY	Def
ATLANTIC CITY	Def
ATLANTIC CITY	Def
NEWARK	Def
NEWARK	Def
NEWARK	Def
ALBUQUERQUE	Def
AUSTIN	WST
BATTLE Mntn Lander	WST
BEATTY	WST
CARSON CITY	WST
CURRIE	WST

Sheet1

DAYTON/Carson City	WST
ELKO CJ Harris Field	WST
ELY Yelland Field	WST
EUREKA	WST
FALLON Munic	WST
FALLON NAS Van Voor	WST
HAWTHORNE Munic	WST
INDIAN SPRINGS	WST
JACKPOT	WST
LAS VEGAS	Def
LAS VEGAS McCarron	WST
LAS VEGAS Nellis	WST
LAS VEGAS North	WST
LAS VEGAS Sky Harb	WST
LOVELOCK Derby Fld	WST
MERCURY Desert Rock	WST
MERCURY Pahute Mesa	WST
MINDEN Douglas Cty	WST
OVERTON Echo Bay	WST
OVERTON Perkins Fld	WST
OWYHEE	WST
PANACA Lincoln Cnty	WST
RENO Cannon Intl	WST
RENO Stead	WST
SANDY VALLEY	WST
SEARCHLIGHT	WST
TONOPAH	WST
WELLS Harriet Fld	WST
WINNEMUCCA Munic	WST
YERINGTON Munic	WST
ALBANY	12
ALBANY	12
BUFFALO	12
ISLIP McArt L Island	12
ISLIP McArt L Island	12
ISLIP McArt L Island	12
ITHACA	12
NEW YORK Ken	12
NEW YORK Ken	12
NEW YORK Ken	12
NEW YORK Ken	12
NEW YORK Ken	12
NEW YORK Ken	12
NEW YORK LGA	12
NEW YORK LGA	12
NEW YORK LGA	12
NIAGARA FALLS	11
ROCHESTER	12
ROCHESTER	12

Sheet1

ROCHESTER	12
SYRACUSE	12
SYRACUSE	12
WHITE PLAINS	12
AKRON	Def
AKRON	Def
CLEVELAND Hk	Def
CLEVELAND Hk	Def
CLEVELAND Hk	Def
TOLEDO	Def
TULSA	Def
TULSA	Def
EUGENE	Def
MEDFORD	Def
PORTLAND Int'l	Def
PORTLAND Int'l	Def
PORTLAND Int'l	Def
HARRISBURG	12
HARRISBURG	12
PHILLY Int'l	12
PHILLY Int'l	12
PITTSBURGH	12
BLOCK ISLAND	12
PROVIDENCE	12
CHARLESTON	12
CHARLESTON	12
MEMPHIS	Def
MEMPHIS	Def
NASHVILLE Metro	Def
ABILENE	Def
ABILENE	Def
ABILENE	Def
CAMARILLO	Def
DALLAS Ft.Worth	Def
DALLAS Ft.Worth	Def
DALLAS Ft.Worth	Def
DALLAS Love Fld	Def
DALLAS Love Fld	Def
HOUSTON	Def
HOUSTON	Def
HOUSTON	Def
HOUSTON	Def
SAN ANTONIO	Def
PROVO	Def
PROVO	Def
PROVO	Def
SALT LAKE CITY	Def
SALT LAKE CITY	Def
BARRE/MONT	Def

Sheet1

BURLINGTON	Def
BELLINGHAM Island	Def
EVERETT	Def
EVERETT Snohom	Def
EVERETT Snohom	Def
FRIDAY HARBOR	Def
OLYMPIA	Def
OLYMPIA	Def
PORT ANGELES	Def
SEATTLE Boeing	Def
SEATTLE Tacoma	Def
SEATTLE Tacoma	Def
SNOHOMISH Everett	Def
SNOHOMISH Everett	Def
SPOKANE	Def
TACOMA	Def
BARABOO	06
JUNEAU Dodge Co	06
MADISON Dane	06
MADISON Dane	06
MADISON Dane	06
MILWAUKEE	06
MOREY FIELD	06
WATERTOWN Mun	06
BUFFALO	Def
CASPER	Def
CHEYENNE	Def
GILLETTE	Def
JACKSON	Def
PINEDALE	Def
RAWLINS	Def
RIVERTON/LANDER	Def
ROCK SPRINGS	Def
SHERIDAN	Def
WORLAND	Def

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CANADA PROVINCES & US STATES ABBREV.

ALABAMA	AL
ALASKA	AK
ALBERTA	AB
ARIZONA	AZ
ARKANSAS	AR
BRIT COLUMBIA	BC
CALIFORNIA	CA
COLORADO	CO
CONNECTICUT	CT
DELAWARE	DE
DIST OF COLUMBIA	DC
FLORIDA	FL
GEORGIA	GA
HAWAII	HI
IDAHO	ID
ILLINOIS	IL
INDIANA	IN
IOWA	IA
KANSAS	KS
KENTUCKY	KY
LOUISIANA	LA
MAINE	ME
MANITOBA	MB
MARYLAND	MD
MASSACHUSETTS	MA
MICHIGAN	MI
MINNESOTA	MN
MISSISSIPPI	MS
MISSOURI	MO
MONTANA	MT
NEBRASKA	NE
NEVADA	NV

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VOR	NDB ***	RWY-ILS CARIBBEAN
	114.50	369 07/25
	112.5	11-108.70
	112.90	233
	112.70	13/31
	112.70	12/30
	112.70	09/27
	116.70	09/27
	112.20	12/30
	113.20	326 06-109.70
	112.70	05/23
		376 09/27
	112.70	10/28
	112.70	320 14/32
	112.70	16/34
	112.70	320 12/31
	112.90	233 13/31
	110.10	09L-112.70
	114.50	01/19
		360 07/25
	113.90	323 12-109.90
		321 11/29
	117.30	250 06-109.30
	117.30	250 02
		06/24
		11/29
	112.40	12/30
?110.40	?312	?30-110.20
		09/27
	116.10	348 06/24
	116.00	08/26
	116.70	343 11-111.90
		273
	115.10	08/26
	112.70	300 03/21
		35-110.00
	111.40	08-111.10
	117.10	365 09R-110.90
	117.10	365 27R-109.10
	117.10	365 09L-110.30
	117.10	365 27L-109.50
	115.60	415 08/26

Sheet1

	114.20		232	11/29
	117.10			10/28
	115.10		402	09-110.30
	113.20		384	10/28
	115.30		270	09-111.50
	108.20			09-109.50
	115.90		360	12/30
	115.70		248	07/25
			233	
	117.50			09-109.90
	115.90			
	117.00			05-109.10
			400	11/29
	115			
	113.3			
				09/27
	116.5		381	10/28
	116.5		381	27-116.50
	118.30		325	07/25
?111.20				
			391	07-113.50
			391	13/31
	114.00		391	09/27
	110.60		391	09/27
	109.00		391	12/30
	114.00		391	9L-114.00
	114.00		391	10-109.70
	114.00		391	06-110.30
	114.50		289	11L-108.20
?110.40		?312		?30-110.20
	113.00			14/32
	108.20		290	09/27
	112.70		300	03/21
	114.50		286	03-113.00
	112.40		415	10/28
	113.00		308	09L/27R
	108.60			10-110.10
			403	07/25
	116.90			06/24
				CANADA
	116.70		344	16-109.30
	116.70		344	34-108.30
	116.70		344	28-110.90
			398	31L
			398	04/22
			398	31R-109.30
	117.60		308	02-110.30

Sheet1

117.60	308	12-109.90
111.60	320	11/29
111.60	320	16/34
	236	
114.80	257	15/03
111.75	251	16/34
	382	09/27
109.70	218	13-109.70
122.30	359	10/28
115.90	266	26-110.70
115.90	266	08-109.50
115.90	266	12-111.10
113.70	200	27-108.70
113.70	200	02/20
113.70	200	13/31
113.70	200	09-108.70
113.80	233	14/32
113.80	233	08/26
115.50	248	31-110.30
115.50	248	36-109.90
115.50	248	13-109.50
115.50	248	07/25
	215	12/30
	530	09/27
		18/36
113.00	326	09/27
113.00	326	15-109.90
117.30	224	02/20
117.30	224	11/29
117.30	224	06/24
113.50	212	05-108.30
113.50	212	23-110.50
113.50	212	14/32
112.70	280	13-109.50
112.70	280	22-109.90
		08-110.40
117.30	257	08-110.30
113.50	260	16-109.50
113.50		29-110.30
113.50	246	02/20
113.10	390	10-109.50
115.10	391	10/21
115.10	391	16/24
113.30	239	06/24
113.30	330	31-110.70
115.10	248	24-109.90
115.10	248	15-109.10
114.90	328	29/11
110.10	353	34-110.50

Sheet1

110.10	353	10/28
113.50	354	15-110.30
114.90	263	07-109.50
114.90	263	25-110.30
113.30	206	24-109.70
115.50	356	33-109.50
115.50	356	09/27
		15/33
115.00	207	05/23
113.30	248	12-110.90
		10/28
117.40	356	15/33
115.00	221	06-109.10
115.00	221	12R/30L
115.00	221	24-109.90
	263	07/25
	263	12/30
		19-111.30
110.00	248	15-111.10
117.20	382	09/27
117.20	382	15-109.50
115.40	394	13/31
115.40	394	08-110.90
115.40	394	18/36
114.50	391	
114.60	236	29-109.50
114.60	236	14-110.30
114.60	236	04/22
114.60	236	17/35
112.20	286	11-109.50
112.20	286	04/22
116.40	408	01/19
116.40	408	11/29
116.40	408	06/24
		01/19
112.30	362	04-110.30
112.30	362	11/29
114.10	332	07-109.50
114.10	332	12/30
113.30	290	10-113.20
113.30	290	28-112.30
113.30	290	25-110.70
113.30	368	06R-109.10
113.30	368	24R-111.50
113.30	368	24L-109.30
113.30	368	15-110.50
113.30	368	06L-109.70
113.30	368	33-110.30

Sheet1

109.70		13/31
109.70	215	06-109.70
115.00	335	25-110.70
115.00	335	14/32
113.80	353	12/30
113.80	353	02/20
113.80	353	25-110.30
114.10	347	03-110.90
115.10	328	
112.60	254	24-117.05
112.60	254	12-117.05
117.70		10/28
118.40	213	12/30
118.40	213	06/24
118.40	213	18/36
	401	06/24
115.40	232	
		09/27
112.00	370	08/26
116.30	248	10-109.90
116.30	248	24R-111.90
116.30	248	24L-110.50
116.30	248	06L-109.30
116.70	266	06-111.30
116.70	266	11-110.90
116.70	266	24-111.70
		06/24
112.80	230	06-109.50
112.80	230	12/30
113.90		05/23
114.50	273	09-109.50
		06/24
115.80		
123.00	205	05/23
113.70	239	18-110.30
114.80	290	08/26
114.80	290	13-109.50
116.20	257	15/33
116.20	257	09-109.90
116.60	302	31L-109.50
116.60	302	13L/31R
116.60	302	18/36
		U.S.A.
114.30	338	6L-111.30
114.30	338	6R-111.30
112.50		
113.40		05-110.90
114.50	338	
117.60		19-108.90

Sheet1

116.20
120.70
120.70
117.10
117.10

08R-108.30
26L-108.30

215

110.20

233 32-109.50

115.40

385 30R-111.90
385

109.60

117.40

253 08-109.50

115.80

24-108.70

111.40

109.80

327 13L-111.30

112.20

348
26-111.50

371 15-109.10

Sheet1

117.00	378 335	19R-108.50
109.00		11-108.70
113.20		
		22-110.10
115.90		
114.00		
116.40		21L-110.10
109.60		
112.90	266	29R-111.30

227

109.80

113.20

18-108.90
217

25R-110.50

115.70

115.70
115.70

30-110.10
12-110.10
233 24-108.90
233 20-110.30
233 30-110.30

113.60
113.60

113.60
113.60
113.60

25L-109.90
06R-111.70
07R-111.10
24R-108.50
07L-111.10

114.20
114.60

15-109.50

31-109.50
30-109.30
28R-111.90

382

385 10R-110.70

Sheet1

	188.40		10R-110.7
			36L-111.30
115.20			
	115.30		
	116.80		29-108.70
	116.80		27R-109.90
	116.80		11-111.90
			08L-109.70
			26L-109.70
			25-108.70
115.50			
114.30			
	114.30		01/19
115.50			
115.70			338
108.40			367 34-108.70
113.40			32-110.10
			09-110.90
			06-109.30
116.50			
117.80			27R-110.50
117.80		245	
	110.80		09-110.90
	110.80		27-110.90
117.80			

Sheet1

117.80		28R-111.70
	115.80	379 28R-111.70
	115.80	379 19L-108.90
	115.80	379 28L-109.50
	114.50	249 30L-110.90
		288 11/29
112.40		11-109.70
	115.20	400 34L-111.10
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115.20		356 02-110.30
		22L-110.70
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		31-108.50
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	126.80	
115.70		337 19R-111.75
	119.70	07/25
113.80		07-110.30
		12-108.90
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	110.80	
113.00		32-109.30
116.00		271 29R-109.10
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117.20

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16R-111.30
12/30

30-108.50

01-108.30

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16-110.70

388 24-111.10

388 33-108.55

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06-110.70

244 11/29

244 02-109.70

257 36-109.50

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388 24-111.10

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01L-111.50

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212 18-109.95

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385 01L-111.30

385 19L-110.15

385 01R-110.10

385 19R-111.30

07L-109.10

08-111.10

332 07-110.70

344 13-108.90

365 09L-110.30

365 27R-109.10

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118.50	368	18R-108.50
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118.50	368	36R-110.30
115.70		-109.30
116.90	365	08R-109.90
116.90	365	26R-110.10
116.90	365	27L-110.10
116.90	365	26L-108.70
116.90	365	27R-111.30
116.90	365	08L-109.30
116.90	365	09R-108.90
116.90	365	09L-110.50
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110.60	212	
112.3		09-108.9
	388	06/24
	388	18L-110.90
	388	18R/36L
110.00	407	32L-109.10
113.90	394	22L-110.1
113.90	385	32R-110.70
113.90	368	09L-111.10
113.90	414	27R-110.50
113.90	257	09R-110.50
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108.4	350	01L-111.70
	230	06/24
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114.20		
113.90		
	341	09/27
110.4	382	20-109.30
	326	18/36
	245	05-109.70
116.50	284	13-110.30
116.50	284	22R-108.70
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112.20		18-111.10
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Sheet1

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		17-123.00
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		11-109.50
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116.40		01/19
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126.40	408	07-111.5
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112.80		11/29
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108.60	350	31-108.00
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118.30		11/09
118.30		22L-108.70
113.20		08-111.90

112.20
114.70

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114.10			
	117.30		25-110.30
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117.90			351 16R-110.90
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	115.30	219	11-109.55
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	119.30		06-108.30
	119.30		24-108.30
	119.30		33
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	115.90	226	22R-109.50
	115.90	226	22L-110.90
	115.90	226	31R-111.50
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	113.10	233	13L-108.50
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	110.00	216	04-110.70

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114.40		36R
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128.40	219	27R-109.30
128.30		28L-108.90
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115.60		05R-109.30
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118.30	362	27-108.70
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113.70	338	36-110.30
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116.60		08-109.70
116.60		27-110.90
116.60		14L-111.90
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108.40		13
108.40		06
108.40		36
116.80		34L-109.50
116.80		16L-110.70
112.40		17-108.70

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113.40		08
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116.80		
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116.80		16R-111.70
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114.20		11-109.30
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118.50		
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108.60	400	04/22
111.20		01/13
		12/30
122.80	371	18/36
115.30		12/30
116.20		03/21
113.10		08/26
114.60		15/33
108.40		
116.50		11/29
109.40		04/22
108.80		10/28
114.70		09/27
115.30		12/30
114.80		16/34

GENERAL NOTES

I tried to use more common sense and convenience than Geographical rules in the list.

It is "ZONED" in area groups.

Of course, you can change anything you want and if you have any suggestions, please let me know.

Info on missing data will be appreciated.

Sheet1

Any problems? Leave me an E-Mail. Enjoy!

	NEW BRUNSWICK
	NEW HAMPSHIRE
C	NEW JERSEY
A	NEW MEXICO
N	NEW YORK
A	NEWFOUNDLAND
D	NORTH CAROLINA
A	NORTH DAKOTA
	N W TERRITORIES
A	NOVA SCOTIA
N	OHIO
D	OKLAHOMA
	ONTARIO
U	OREGON
N	PENNSYLVANIA
I	PRINCE EDWARD ISL
T	PUERTO RICO
E	QUEBEC
D	RHODE ISLAND
	SASKATCHEWAN
S	SOUTH CAROLINA
T	SOUTH DAKOTA
A	TENNESSEE
T	TEXAS
E	UTAH
S	VERMONT
	VIRGINIA
	WASHINGTON
	WEST VIRGINIA
	WISKONSIN
	WYOMING
	YUKON TERRITOR

Delete previous files!

EL	LGT	TRUE-COORDS-FS *****	COM ***	ATIS
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217			5078-E24840	
			10873-E20889	
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5	4974		10116-E20528	
5	4000		9975-E20646	
10	5000		10350-E20020	
	8000		9550-E21346	122.80
7	11000		10787-E20093	
	7200		10779-E20335	
16	5000		8738-E22571	
9	4000		9398-E21737	
10	11000		10877-E20688	118.70
	3000		9847-E21217	
10	4000		9562-E21592	
11			10871-E20702	122.80
261			5764-E26648	
16	2000		7601-E27709	
15	3346		8084-E26577	
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52	8467		1856-E37153	118.30 118.10
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5	6000		9559-E23498	
			5548-E26028	
52			3076-E18435	
56	8000		8331-E22164	
210	13100		9258-E18917	
110	7900		8422-E21392	
			5027-E25361	
			6749-E25973	
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			9785-E18839	
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10	10500	N25.57 W80.27		118.10
10	10500	N25.57 W80.27		118.10
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8	7000		8054-E19704	

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	9975		8159-E23677		
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10	8700		7821-E21139	120.80	
			18381-E18440		
			6350-E26101		
18			6462-E11468		
7341			7640-E11899		
50	5300		14505-E6079	126.2	
			14522-E6720		
			8568-E9392		
			13894-E6142		
80	2300		14438-E6063		
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499	8200		14660-E6102	126.3	
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			4047-E17469		
	3975		8169-E25712		
16	2600		8169-E25712		
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	5000		8169-E25712	122.80	
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10	10002		8143-E25977	125.80	
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52			3076-E18435		
			7783-E27325		
61			7771-E16440	118.60	
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			7490-E25360		
			8021-E27484		
			5984-E26163		
16	7054		7840-E27212	118.70	
15	5348		8052-E26392	118.80	124.00
			5719-E26102		
60			5127-E28967		

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3566	12675		22140-E93334	114.50	
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2968	5528	22579-E9493	118.50	
		22407-E7617		
1409	7300	22089-E7748	119.90	
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425	3627	22546-E6364	126.70	
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79	5000	22357-E5916	126.70	
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17		22083-E6622	118.70	114.80
17		22083-E6622	118.70	114.80
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63		21980-E6482	119.10	118.80
63	N48.43 W123.29		119.10	118.80
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1381	6500 N49.54 W 99.57		122.50	
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820	7000 N49.55 W97.14		118.30	114.80
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488	4500	20337 E22199		
65	5000 N45.53 W66.25			
65	6000	19649-E22973		
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172	8000 N46.11 W64.34			
172	6000	20080-E23474		
357	5000 N45.24 W65.52		118.50	
357	7000	19578-E23196	118.50	
494	7000 N45.24 W65.52		118.50	
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496	10500	22039-E25932	126.20	119.10
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461	8500 N47.29 W52.51		126.20	119.30
461	5025	21763-E26629	126.20	119.30
84	10000	21604-E24826	122.30	
142	5000	19852 E23896	126.20	122.80
142	5000	19852 E23896	126.20	122.80
98	3000	19297 E23307	126.20	
90	8000	19546-E23512	126.20	119.50
475	8800 N44.55 W63.24		126.20	118.40
475	7700	19630-E23969	126.20	118.40
380	5000 N20138 E24471		126.20	
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Sheet1

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22		21136 E25761	126.20	119.10
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203	7100 N46.09 W60.03		126.20	118.10
141	6000 N43.49 W66.05		126.20	122.20
712	7500	27174-R10629	118.50	128.40
712	5000 N62.27 W114.26		118.50	128.40
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813		17870-E18931		
649		18123-E18838	124.80	127.10
174	3503	18953 E20605		
649	N43.45 W79.28		126.20	
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781	N43.15 W79.52		125.00	
311	2748 N44.17 W76.36			
311	2541 N44.17 W76.36			
311	5000	18486-E20038		
912	6300	17802-E18683	119.80	127.80
912	8800 N43.02 W81.09		119.80	127.80
1220	6000 N46.21 W79.26		118.30	124.90
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1220	4474	19256-E19069	118.30	124.90
458	N45.26 W75.53		120.10	
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374	9702 N45.26 W75.53		118.80	121.15
374	3200 N45.26 W75.53		118.80	121.15
374	3903	19088-E20273	118.80	121.15
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1689	6000 N46.29 W84.30		118.80	
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321	5000	17899-E19285	123.25	
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1141	6600	19333-E18645	125.50	
1141	5000 N46.37 W80.48		125.50	
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253		18113-E19204	118.20	133.60
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569	11050	18135-E19129	118.70	114.50
569	10500 N43.41 W79.38		118.70	114.50
569	11050	18135-E19129	118.70	114.50

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1040	4100 N43.27 W80.23		126.00	
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622	3888	17402-E18166	124.70	134.50
622	7900 N42.15 W82.49		124.70	134.50
160	7000 N46.12 W62.58		126.20	120.10
		20269-E24101	120.20	
65	8000	20246-E23659	126.20	120.20
65	5300 N46.23 W63.53		126.20	120.20
72	6000	21055-E22211		
540	6100 N48.31 W71.03		118.40	
540	4200		118.40	
540	4200	20545-E21374	118.40	
365	4000	19326-E21199	122.80	
		21179-E23220		
209	6002	19088-E202.73		
32	4500 N47.25 W61.46			
118	7000 N45.36 W73.58		119.90	128.00
118	9600 N45.36 W73.58		119.90	128.00
200	7000	19086-E20824	119.90	128.00
118	11000	19086-E20824	119.90	128.00
270	12000 N45.53 W74.22		119.10	
260	12000 N45.53 W74.22		119.10	
260	12000	19158-E20627	119.10	
88	7840	19195-E20920		
242	9000 N46.42 W71.37		120.30	119.80
242	5700	19787-E21420	120.30	119.80
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180	6600 N50.14 W66.16		118.10	124.80
88	7840	19195-E20920		
		19087-E20968		
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1894	7900	21277-E11817	118.60	127.00
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5285	4000 N60.37 W135.08		118.30	
5285	2075 N60.37 W135.08		118.30	
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286		34632-E57322		
92				

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2631	N32.50 W110.55		
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1220		14763-E6386	
14		17424-E5041	
4398		18705-E6093	
4375		18721-E6140	
1848		17759-E5125	
218		18925-E4982	
145		17040-E5526	
1602		15184-E5709	
922		15708-E6751	
378		16039-E5774	
507		16088-E5768	
796		16054-E5834	
2219		15225-E6317	
3038		15818-E6487	
4894		18022-E5965	
4158		18643-E5918	
4120		16805-E6262	
9980		16747-E6202	
397		14879-E7018	
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6468		17262-E6104	
775		15504-E5836	
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1286		17631-E5600	
630		16438-E5264	
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238		18182-E5491	
173		18153-E5477	
2283		16040-E6262	
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242		16908-E5611	
1385		17925-E5120	
		17754 -E5242	
272		17905-E4979	
714		16534-E5437	
465		16554-E5494	

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97	15364-E5833
23	17476-E5156
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559	8000 N43.07 W77.40			

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1161	4513	18681-E21282		

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Alfred Grech

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