International Civil Aviation Organization

STUDY NOTE

MEETING OF THE METEOROLOGY PANEL (METP) WORKING GROUP MOG

THIRD MEETING

Gatwick, London, United Kingdom, 13 to 16 June 2016

Agenda Item 3.2.5 : UPDATE TO SADIS USER GUIDE

ADDITION OF US NON AOP OPMET DATA AND THE PROVISION OF REMARKS AS PART OF THE METAR

(Presented by the WIFS Provider State)

SUMMARY
This paper informs the MOG of the planned addition of 218 non-AOP US METAR/TAF sites to the international US collectives and the establishment of new WMO collectives. The paper also proposes that 47 non-AOP airports be removed from Annex 2 MET Table 2A. The paper also reminds the group in the change of US policy that all US AOP and non-AOP METAR/SPECIs will include remarks at the end of the report.

1.   INTRODUCTION

1.1   The Washington OPMET data bank provides Operational Meteorological (OPMET) data in support of domestic (i.e., the United States [US]) and international (i.e., ICAO) requirements and obligations.

1.2   The US received a request from the International Air Transport Association (IATA) to add additional US Non-Aerodrome Operational Planning (Non-AOP) airports for global distribution on the World Area Forecast System File Service (WIFS). This request was reviewed and accepted by the US Meteorological (MET) Authority, which is the US Federal Aviation Administration (FAA).

[1] The terms 'AOP' and 'non-AOP' are used in this paper to refer to aerodromes that are either listed or not listed in the Tables AOP in the regional air navigation plans. Note: in accordance with the regional air navigation plans, the 'AOP' aerodromes also appear in Table MET II-2 − *Aerodrome Meteorological Offices*, which names the aerodromes where meteorological service is required. Consequently, there is no regional air navigation agreement for States to provide OPMET data from 'non-AOP' aerodromes, but in many cases this is done on a voluntary basis.

1.3   In addition, the group should recall that the US has changed its policy on the inclusion of Remarks as part of the METAR for global dissemination. This change in policy was announced at the First Meeting of MOG (8-11 September 2015 in Gatwick)

1.4   The primary purpose of the paper is to advise the MOG on the planned changes for international distribution of AOP and non-AOP airports from the United States to satisfy the operational requirements provided to the US from IATA for Traditional Alphanumeric Codes (TAC).

2.   DISCUSSION

2.1   In light of the increasing use of Non-AOP aerodromes by international operators the United States will add 218 Non-AOP METAR and TAF sites to the U.S. international collectives. Attachment A to this paper provides the list of non-AOP airports to be added.

2.2   There are two challenges on how to provide this information. One pertains to updating the existing MET Table 2A of the SADIS User Guide (SUG) which is the reference source for global dissemination of METAR/TAF airports via the World Area Forecast System File Service (WIFS) and the Secured Aviation Digital Information Service (SADIS). The second challenge is to coordinate this change with other Regional OPMET Centers where there is an agreement to exchange US METAR/TAF reports.

2.3   The current U.S. aerodromes listed in SUG Annex1 have 78 AOP and 428 non-AOP airports. The US will be adding 218 non-AOP airports to the list in MET Table 2A of SUG. The U.S. will be recommending to SADIS the removal of some 46 airports where there is no longer a validated requirement to provide a METAR/TAF report for international operations. This list of airports is provided in Attachment B. Before the U.S. removes these airports the U.S. will validate this with IATA. In total the revised validated listing of US AOP and non-AOP airports where IATA has a service request for METAR/TAF reports will be 678.

2.4   The new list of 678 stations will use the following WMO series FT/SA/SPUS21-25 KWBC. The current list of 418 AOP and non-AOP airports under the WMO series FT/SA/SPUS71-75 KWBC will be retired. The US is in the process of updating ICAO DOC 7910 (Station Identifiers) to ensure that any new U.S. non-AOP aerodromes are properly recorded in ICAO Doc 7910.

2.5   However, as noted in attachment A there are 37 non-AOP airports that are not ICAO Doc 7910, but require METAR/TAF reports. These airports are identified by being highlighted in yellow. The US will undertake an action to coordinate the inclusion of these airports in ICAO Doc 7910. There is a note in SADIS TABLE MET II-2 - AERODROME METEOROLOGICAL OFFICES EXPLANATION OF THE TABLE that the States need to notify ICAO of the airport LOCID to be used for the purpose of exchanging reports.

2.6   The US has taken a position that the Washington OPMET Databank will use the same collectives for exchange of information with other Regional OPMET Centers where an exchange policy or agreement exists. This same collective will be coordinated with the SADIS Provider State for distribution on SADIS. Therefore, the collectives on WIFS and SADIS for US airports will be identical.

2.7   The meeting should note as previously advised that the IATA requirement for the additional non-AOP airports and the requirement to include Remarks the US will be accommodated with the new WMO headers as identified in paragraph 2.1.4 above.

2.8   Users of U.S. METAR reports are encouraged to access the following link below to retrieve the United States Federal Meteorological Handbook (FMH-1) Surface Observations that documents the METAR code format with Remarks.

http://www.ofcm.gov/fmh-1/pdf/FMH1.pdf

3.0   CONCLUSION

3.1   The meeting is to take note in the change in US policy to meet operational requirements from IATA to:

>   a. Provide Remarks for U.S. METAR globally for both AOP and non-AOP airports

>   b. Update the global distribution of METAR/TAF reports from the U.S. to meet IATA's requirement for flight planning.

3.2   The meeting is to take note of the change in WMO Headers for the provision of the new collectives with Remarks from the U.S.

3.3   The US will provide an implementation date via a NWS Technical Information Notice and will coordinate that information with the SADIS manager and rapporteur for MOG as well with other ROC as required.

3.4   The US will work with the SADIS managers on how best to document non-AOP airports from the US and to resolve any inconsistency of the information provided.

3.5   The US will update ICAO Doc 7910 accordingly to ensure that all aerodromes where MET information is provided have a LOCID listed in the reference document. The updates will occur in accordance with ICAO practices.

4. ACTION BY THE MEETING *

4.1   The meeting is invited to:

a. Note that the US plans to add 218 aerodromes to the existing list of 428 aerodromes (as listed in SUG Annex 1/FASID Table MET 2A) where the US is required to issue OPMET information (METAR/SPECI, TAF) for availability in SADIS and WIFS in addition to the 78 aerodromes in the US where meteorological service is required in accordance with the provisions of Annex 3 and regional air navigation plans.;

b. Note that the US plans to cease the issuance of OPMET information (METAR/SPECI, TAF) for availability on SADIS and WIFS for 46 non-AOP aerodromes (currently listed in SUG Annex 1/FASID Table MET 2A),upon confirmation from IATA that there is no operational requirement for these 46 aerodromes;

c. Note that the US plans to use the WMO abbreviated headings FT/SA/SPUS21-25 KWBC for OPMET issued by the US for international civil aviation and to retire the use of the WMO abbreviated headings FT/SA/SPUS71-75 KWBC;

d. The US will work with the SADIS managers on how best to document non-AOP airports from the US and to resolve any inconsistency of the information provided and assess the requirements for consequential amendments as necessary, in view of a, b and c, above; and

e. Note that the US plans to include additional information in OPMET data issued for global dissemination in the form of remarks appended to the METAR message, which is not compliant with the Annex 3 provisions for METAR/SPECI [Annex 3, Table A3-2].

*The effective date for the changes in US OPMET issuance for a to d will be coordinated with ICAO APAC via electronic correspondence with a minimum lead time of no less than 75 days for implementation.

See Attachment A below

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Attachment A: List of non-AOP Airports to be Included in Annex 2 of SUG

LOCID	AIRPORT LOCATION/NAME
KADF	ARKADELPHIA, AR
KAEG	ALBUQUERQUE, NM - DOUBLE EAGLE II AIRPORT
KAIA	ALLIANCE, NE
KALS	ALAMOSA, CO SAN LUIS VALLEY REGIONAL/BERGMAN FIELD AIRPORT
KAPA	DENVER, CO CENTENNIAL AIRPORT
KARA	NEW IBERIA, LA ACADIANA REGIONAL AIRPORT
KASD	SLIDELL, LA
KASN	TALLADEGA, AL TALLADEGA MUNICIPAL AIRPORT
KAST	ASTORIA, OR ASTORIA REGIONAL AIRPORT
KATW	APPLETON, WI APPLETON INTERNATIONAL AIRPORT
KATY	WATERTOWN, SD
KAUG	AUGUSTA, ME
KAUW	WAUSAU, WI WAUSAU DOWNTOWN AIRPORT
KBBD	BRADY, TX CURTIS FIELD AIRPORT
KBBG	BRANSON, MO BRANSON AIRPORT
KBCB	BLACKSBURG, VA VIRGINIA TECH/MONTGOMERY EXECUTIVE AIRPORT
KBCE	BRYCE CANYON, UT BRYCE CANYON AIRPORT
KBHB	BAR HARBOR, ME HANCOCK COUNTY-BAR HARBOR AIRPORT
KBIH	BISHOP, CA BISHOP AIRPORT
KBJI	BEMIDJI, MN BEMIDJI REGIONAL AIRPORT
KBLF	BLUEFIELD, WV MERCER COUNTY AIRPORT
KBLH	BLYTHE, CA BLYTHE AIRPORT
KBMG	BLOOMINGTON, IN MONROE COUNTY AIRPORT
KBNO	BURNS, OR BURNS MUNICIPAL AIRPORT
KBPI	BIG PINEY, WY MILEY MEMORIAL FIELD AIRPORT
KBPK	MOUNTAIN HOME, AR BAXTER COUNTY AIRPORT
KBRD	BRAINERD, MN BRAINERD LAKES REGIONAL AIRPORT
KBVI	BEAVER FALLS, PA BEAVER COUNTY AIRPORT
KBVO	BARTLESVILLE, OK BARTLESVILLE MUNICIPAL AIRPORT
KCDR	CHADRON, NE CHADRON MUNICIPAL AIRPORT
KCDS	CHILDRESS, TX MUNIPAL AIRPORT
KCKV	CLARKSVILLE, TN OUTLAW FIELD AIRPORT
KCNU	CHANUTE, KS CHANUTE MARTIN JOHNSON AIRPORT

KCNY	MOAB, UT CANYONLANDS FIELD AIRPORT
KCOD	CODY, WY YELLOWSTONE REGIONAL AIRPORT
KCOE	COEUR D'ALENE, ID PAPPY BOYINGTON FIELD
KCON	CONCORD, NH CONCORD MUNICIPAL AIRPORT
KCPS	CAHOKIA/ST LOUIS, IL ST LOUIS DOWNTOWN AIRPORT
KCRE	NORTH MYRTLE BEACH, SC GRAND STRAND AIRPORT
KCRG	JACKSONVILLE, FL JACKSONVILLE EXECUTIVE AT CRAIG AIRPORT
KCRQ	CARLSBAD, CA MC CLELLAN-PALOMAR AIRPORT
KCSM	CLINTON, OK CLINTON-SHERMAN AIRPORT
KCUB	COLUMBIA, SC JIM HAMILTON L B OWENS AIRPORT
KCWA	MOSINEE, WI CENTRAL WISCONSIN AIRPORT
KCXO	HOUSTON, TX LONE STAR EXECUTIVE AIRPORT
KCXP	CARSON CITY, NV CARSON AIRPORT
KDAG	DAGGETT, CA BARSTOW-DAGGETT AIRPORT
KDHT	DALHART, TX MUNICIPAL AIRPORT
KDIK	DICKINSON, ND DICKINSON - THEODORE ROOSEVELT REGIONAL AIRPORT
KDLS	THE DALLES, OR COLUMBIA GORGE REGIONAL/THE DALLES MUNICIPAL AIRPORT
KDNL	AUGUSTA, GA DANIEL FIELD AIRPORT
KDPA	CHICAGO/WEST CHICAGO, IL DUPAGE AIRPORT
KDRO	DURANGO, CO DURANGO-LA PLATA COUNTY AIRPORT
KDRT	DEL RIO, TX INTERNATIONAL AIRPORT
KDUG	DOUGLAS BISBEE, AZ BISBEE DOUGLAS INTERNATIONAL AIRPORT
KDVL	DEVILS LAKE, ND REGIONAL AIRPORT
KEAR	KEARNEY, NE KEARNEY REGIONAL AIRPORT
KEAT	WENATCHEE, WA PANGBORN MEMORIAL AIRPORT
KEED	NEEDLES, CA NEEDLES AIRPORT
KEET	ALABASTER, AL SHELBY COUNTY AIRPORT
KELD	EL DORADO, AR SOUTH ARKANSAS REGIONAL AT GOODWIN FIELD AIRPORT
KELY	ELY, NV - YELLAND FIELD
KENV	WENDOVER, UT AIRPORT
KENW	KENOSHA, WI KENOSHA REGIONAL AIRPORT
KEVW	EVANSTON, WY EVANSTON-UINTA COUNTY AIRPORT - BURNS FIELD
KFDY	FINDLAY, OH FINDLAY AIRPORT
KFKL	FRANKLIN, PA VENANGO REGIONAL AIRPORT
KFMH	FALMOUTH, MA FALMOUTH AIRPARK AIRPORT
KFMN	FARMINGTON, NM FOUR CORNERS REGIONAL AIRPORT
KFMY	FORT MYERS, FL PAGE FIELD AIRPORT
KFST	FORT STOCKTON, TX FORT STOCKTON-PECOS COUNTY AIRPORT
KFXE	FORT LAUDERDALE, FL FORT LAUDERDALE EXECUTIVE AIRPORT
KGAG	GAGE, OK GAGE AIRPORT

KGCC	GILLETTE, WY GILLETTE-CAMPBELL COUNTY AIRPORT
KGDV	GLENDIVE, MT SAWSON COMMUNITY AIRPORT
KGKY	ARLINGTON, TX ARLINGTON MUNICIPAL AIRPORT
KGLD	GOODLAND, KS RENNER FIELD (GOODLAND MUNICIPAL AIRPORT)
KGLH	GREENVILLE, MS GREENVILLE MID-DELTA AIRPORT
KGMU	GREENVILLE, SC GREENVILLE DOWNTOWN AIRPORT
KGTR	COLUMBUS/W POINT/STARKVILLE, MS GOLDEN TRIANGLE REGIONAL AIRPORT
KGUC	GUNNISON, CO GUNNISON-CRESTED BUTTE REGIONAL AIRPORT
KGUY	GUYMON, OK GUYMON MUNICIPAL AIRPORT
KHBG	HATTIESBURG, MS HATTIESBURG BOBBY L CHAIN MUNICIPAL AIRPORT
KHBR	HOBART, OK HOBART REGIONAL AIRPORT
KHDC	HAMMOND, LA HAMMOND NORTHSHORE REGIONAL AIRPORT
KHDN	HAYDEN, CO YAMPA VALLEY AIRPORT
KHIE	WHITEFIELD, NH MOUNT WASHINGTON REGIONAL AIRPORT
KHIO	PORTLAND, OR PORTLAND-HILLSBORO AIRPORT
KHKS	JACKSON, MS HAWKINS FIELD AIRPORT
KHLG	WHEELING, WV WHEELING OHIO CO AIRPORT
KHND	LAS VEGAS, NV HENDERSON EXECUTIVE AIRPORT
KHOB	HOBBS, NM LEA COUNTY REGIONAL AIRPORT
KHSA	BAY ST LOUIS, MS STENNIS INTERNATIONAL AIRPORT
KHUL	HOULTON, ME INTERNATIONAL AIRPORT
KHUM	HOUMA, LA HOUMA-TERREBONNE AIRPORT
KHVR	HAVRE, MT HAVRE CITY-COUNTY AIRPORT
KHYR	HAYWARD, WI SAWYER COUNTY AIRPORT
KHYS	HAYS, KS HAYS REGIONAL AIRPORT
KIFP	BULLHEAD CITY, AZ LAUGHLIN/BULLHEAD INTERNATIONAL AIRPORT
KILN	WILMINGTON, OH WILMINGTON AIR PARK AIRPORT
KINW	WINSLOW, AZ WINSLOW-LINDBERGH REGIONAL AIRPORT
KIPL	IMPERIAL, CA IMPERIAL COUNTY AIRPORT
KISM	ORLANDO, FL KISSIMMEE GATEWAY AIRPORT
KISN	WILLISTON, ND SLOULIN FIELD INTERNATIONAL AIRPORT
KISO	KINSTON, NC KINSTON REGIONAL JETPORT AT STALLINGS FIELD AIRPORT
KITH	ITHACA, NY ITHACA TOMPKINS REGIONAL AIRPORT
KIWD	IRONWOOD, MI GOGEBIC-IRON COUNTY AIRPORT
KIXD	OLATHE, KS NEW CENTURY AIRCENTER AIRPORT
KJCT	JUNCTION, TX KIMBLE COUNTY AIRPORT
KJER	JEROME, ID JEROME COUNTY AIRPORT
KJHW	JAMESTOWN, NY CHAUTAUQUA COUNTY/JAMESTOWN AIRPORT
KJKL	JACKSON, KY JULIAN CARROLL AIRPORT

KLAL	LAKELAND, FL LAKELAND LINDER REGIONAL AIRPORT
KLAW	LAWTON, OK LAWTON-FORT SILL REGIONAL AIRPORT
KLBT	LUMBERTON, NC LUMBERTON REGIONAL AIRPORT
KLBX	ANGLETON/LAKE JACKSON, TX TEXAS GULF COAST REGIONAL AIRPORT
KLEE	LEESBURG, FL LEESBURG INTERNATIONAL AIRPORT
KLFK	LUFKIN, TX ANGELINA COUNTY AIRPORT
KLGU	LOGAN, UT LOGAN-CACHE AIRPORT
KLLQ	MONTICELLO, AR MONTICELLO MUNICIPAL/ELLIS FIELD AIRPORT
KLND	LANDER, WY HUNT FIELD AIRPORT
KLNS	LANCASTER, PA LANCASTER AIRPORT
KLVK	LIVERMORE, CA LIVERMORE MUNICIPAL AIRPORT
KLVS	LAS VEGAS, NM MUNICIPAL AIRPORT
KLWB	LEWISBURG, WV GREENBRIER VALLEY AIRPORT
KLWS	LEWISTON, ID LEWISTON-NEZ PERCE COUNTY AIRPORT
KMBG	MOBRIDGE, SD MUNICIPAL AIRPORT
KMCE	MERCED, CA MERCED REGIONAL/MACREADY FIELD AIRPORT
KMCK	MC COOK, NE MC COOK BEN NELSON REGIONAL AIRPORT
KMCW	MASON CITY, IA MASON CITY MUNICIPAL AIRPORT
KMER	ATWATER, CA CASTLE AIRPORT
KMHR	SACRAMENTO, CA SACRAMENTO MATHER AIRPORT
KMMH	MAMMOTH LAKES, CA MAMMOTH YOSEMITE AIRPORT
KMPV	BARRE/MONTPELIER, VT EDWARD F KNAPP STATE AIRPORT
KMTH	MARATHON, FL FLORIDA KEYS MARATHON INTERNATIONAL AIRPORT
KMTJ	MONTROSE, CO MONTROSE REGIONAL AIRPORT
KMTW	MANITOWOC, WI COUNTY AIRPORT
KMWH	MOSES LAKE, WA GRANT CO INTERNATIONAL AIRPORT
KMYL	MC CALL, ID MC CALL MUNICIPAL AIRPORT
KOAJ	JACKSONVILLE, NC ALBERT J ELLIS AIRPORT
KOFK	NORFOLK, NE REGIONAL AIRPORT/KARL STEFAN MEMORIAL FIELD
KOGB	ORANGEBURG, SC ORANGEBURG MUNICIPAL AIRPORT
KOLF	WOLF POINT, MT L M CLAYTON AIRPORT
KOLS	NOGALES, AZ INTERNATIONAL AIRPORT
KONP	NEWPORT, OR NEWPORT MUNICIPAL AIRPORT
KOPF	MIAMI, FL OPA-LOCKA EXECUTIVE AIRPORT
KOUN	NORMAN, OK UNIVERSITY OF OKLAHOMA WESTHEIMER AIRPORT
KOXR	OXNARD, CA OXNARD AIRPORT
KPBF	PINE BLUFF, AR GRIDER FIELD AIRPORT
KPDT	PENDLETON, OR EASTERN OREGON REGIONAL AT PENDLETON AIRPORT
KPEQ	PECOS, TX MUNICIPAL AIRPORT
KPGA	PAGE, AZ PAGE MUNICIPAL AIRPORT

KPGD	PUNTA GORDA, FL PUNTA GORDA AIRPORT
KPGV	GREENVILLE, NC PITT-GREENVILLE AIRPORT
KPNA	PINEDALE, WY RALPH WENZ FIELD AIRPORT
KPNC	PONCA CITY, OK PONCA CITY REGIONAL AIRPORT
KPNE	PHILADELPHIA, PA NORTHEAST PHILADELPHIA AIRPORT
KPRB	PASO ROBLES, CA MUNICIPAL AIRPORT
KPSC	PASCO, WA TRI-CITIES AIRPORT
KPUW	PULLMAN/MOSCOW,ID, WA PULLMAN/MOSCOW REGIONAL AIRPORT
KPVW	LAINVIEW, TX HALE COUNTY AIRPORT
KRBG	ROSEBURG, OR ROSEBURG REGIONAL AIRPORT
KRIL	RIFLE, CO GARFIELD COUNTY REGIONAL AIRPORT
KRIW	RIVERTON, WY RIVERTON REGIONAL AIRPORT
KRKD	ROCKLAND, ME KNOX COUNTY REGIONAL AIRPORT
KRNH	NEW RICHMOND, WI NEW RICHMOND REGIONAL AIRPORT
KROG	ROGERS, AR ROGERS EXECUTIVE - CARTER FIELD AIRPORT
KRSL	RUSSELL, KS RUSSELL MUNICIPAL AIRPORT
KRUT	RUTLAND, VT SOUTHERN VERMONT REGIONAL AIRPORT
KRVS	TULSA, OK RICHARD LLOYD JONES JR AIRPORT
KRWF	REDWOOD FALLS, MN REDWOOD FALLS MUNICIPAL AIRPORT
KRWL	RAWLINS, WY MUNICIPAL AIRPORT/HARVEY FIELD
KRYY	ATLANTA, GA COBB COUNTY INTERNATIONAL-MCCOLLUM FIELD AIRPORT
KSAF	SANTA FE, NM SANTA FE MUNICIPAL AIRPORT
KSDY	SIDNEY, MT SIDNEY-RICHLAND MUNICIPAL AIRPORT
KSEZ	SEDONA, AZ SEDONA AIRPORT
KSGJ	ST AUGUSTINE, FL NORTHEAST FLORIDA REGIONAL AIRPORT
KSGR	HOUSTON, TX SUGAR LAND REGIONAL AIRPORT
KSGU	ST GEORGE, UT ST GEORGE REGIONAL AIRPORT
KSJS	PRESTONSBURG, KY BIG SANDY REGIONAL AIRPORT
KSME	SOMERSET, KY LAKE CUMBERLAND REGIONAL AIRPORT
KSMN	SALMON, ID LEMHI COUNTY AIRPORT
KSNY	SIDNEY, NE MUNICIPAL AIRPORT/LLOYD W CARR FIELD
KSOA	SONORA, TX SONORA MUNICIPAL AIRPORT
KSSF	SAN ANTONIO, TX STINSON MUNICIPAL AIRPORT
KSTS	SANTA ROSA, CA CHARLES M SCHULZ - SONOMA COUNTY AIRPORT
KSUA	STUART, FL WITHAM FIELD AIRPORT
KSUN	HAILEY, ID FRIEDMAN MEMORIAL AIRPORT
KSYM	MOREHEAD, KY MOREHEAD-ROWAN COUNTY CLYDE A THOMAS REGIONAL AIRPORT
KTEX	TELLURIDE, CO REGIONAL AIRPORT
KTIX	TITUSVILLE, FL SPACE COAST REGIONAL AIRPORT
KTMB	MIAMI, FL MIAMI EXECUTIVE AIRPORT

KTOI	TROY, AL TROY MUNICIPAL AIRPORT AT N KENNETH CAMPBELL FIELD
KTOP	TOPEKA, KS PHILIP BILLARD MUNICIPAL AIRPORT
KTPH	TONOPAH, NV
KTRK	TRUCKEE, CA TRUCKEE-TAHOE AIRPORT
KTRM	PALM SPRINGS, CA JACQUELINE COCHRAN REGIONAL AIRPORT
KTTD	PORTLAND, OR PORTLAND-TROUTDALE AIRPORT
KTVF	THIEF RIVER FALLS, MN THIEF RIVER FALLS REGIONAL AIRPORT
KUES	WAUKESHA, WI WAUKESHA COUNTY AIRPORT
KUNV	STATE COLLEGE, PA UNIVERSITY PARK AIRPORT
KUTS	HUNTSVILLE, TX MUNICIPAL AIRPORT
KVEL	VERNAL, UT REGIONAL AIRPORT
KVGT	LAS VEGAS, NV NORTH LAS VEGAS AIRPORT
KVIS	VISALIA, CA VISALIA MUNICIPAL AIRPORT
KVNY	VAN NUYS, CA VAN NUYS AIRPORT
KVQQ	JACKSONVILLE, FL CECIL AIRPORT
KVTN	VALENTINE, NE MILLER FIELD AIRPORT
KWJF	LANCASTER, CA GENERAL WM J FOX AIRFIELD AIRPORT
KWMC	WINNEMUCCA, NV MUNICIPAL AIRPORT
KWWR	WOODWARD, OK WEST WOODWARD AIRPORT
KXNA	FAYETTEVILLE/SPRINGDALE/, AR NORTHWEST ARKANSAS REGIONAL AIRPORT
PAAQ	PALMER, AK MUNICIPAL AIRPORT
PAHN	HAINES, AK
PAKW	KLAWOCK, AK
PAQT	NUIQSUT, AK
PASD	SAND POINT, AK
PHJR	KAPOLEI, HI

Attachment B: Airports Recommended for Removal from SADIS User Guide

LOCID	AIRPORT LOCATION/NAME
KAKR	AKRON, OH
KALN	ALTON/ST LOUIS REGIONAL, IL
KAPG	ABERDEEN/PHILLIPS AAF PROVING GROUND, MD
KBDE	BAUDETTE INTL, MN
KBKF	AURORA/BUCKLEY ANGB, CO
KBKL	CLEVELAND/BURKE LAKEFRONT, OH
KBQK	BRUNSWICK/GLYNCO JETPORT, GA
KBVY	BEVERLY/MUNI, MA
KCEF	SPRINGFIELD CHICOPE/WESTOVER AFB METROPOLITAN, MA
KCEW	CRESTVIEW/BOB SIKES, FL
KCIU	SAULT STE MARIE/CHIPPEWA COUNTY INTL, MI
KDLF	DEL RIO/LAUGHLIN AFB, TX
KELO	ELY/MUNI, MN
KERI	ERIE INTL, PA
KEWB	NEW BEDFORD/MUNI, MA
KFRG	FARMINGDALE/REPUBLIC, NY
KHFD	HARTFORD/BRAINARD, CT
KHVN	NEW HAVEN/TWEED, CT
KIKK	KANKAKEE/GREATER, IL
KIRK	KIRKSVILLE/ REGIONAL, MO
KLBL	LIBERAL MUNI, KS
KLOU	LOUISVILLE/BOWMAN FIELD, KY
KLWM	LAWRENCE/MUNI, MA
KMMU	MORRISTOWN/MUNI, NJ
KMYV	MARYSVILLE/YUBA COUNTY APRT, CA
KNGP	CORPUS CHRISTI/CORPUS CHRISTI NAS (TRUAX FIELD), TX
KNKT	CHERRY POINT MCAS/CUNNINGHAM FIELD, NC
KNTD	POINT MUGU/POINT MUGU NAS, CA
KOFF	OMAHA/OFFUT AFB, NE
KOQU	NORTH KINGSTOWN/QUONSET STATE, RI
KRNT	RENTON/MUNI, WA
KSBD	SAN BERNARDINO, CA, SAN BERNARDINO INTL ARPT
KSDM	SAN DIEGO/BROWN FLD MUNI, CA
KSTP	ST PAUL/DOWNTOWN HOLMAN FLD, MN
KTIW	TACOMA/TACOMA NARROWS, WA
KWRI	WRIGHTSTOWN/MCGUIRE AFB, NJ
PABA	BARTER ISLAND LRRS, AK
PABI	DELTA JUNCTION/ALLEN AAF, AK
PACZ	CAPE ROMANZOF LRRS, AK
PADK	ADAK ISLAND/ADAK NAF, AK

PALU	CAPE LISBURNE LRRS, AK
PANT	ANNETTE ISLAND, AK
PATC	TIN CITY LRRS, AK
PFYU	FORT YUKON (USAF), AK
PGUA	ANDERSON AFB, GUAM ISLAND
TKPN	VANCE WINKWORTH AMORY, ST. CHRISTOPHER (ST. KITTS) AND NEVIS