

# NaviTAW**S** b u l l e t i n

Terrain Awareness and Warning System

**TTA-12**

**TTA-12S**

AIRAC cycle: 1003

Effective date: 11 March 2010

## INTELLECTUAL PROPERTY

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## ADEQUACY

This information bulletin is prepared in accordance with requirements of KT-200A document "Aeronautical Data Processing" for aerodrome, terrain and obstacles data processing and delivery (Decision of Interstate Aviation Committee №6.48-1521 of 16.08.2005).

## **A) ADDED AERODROMES:**

MDCY EL CATEY INTL

## **B) DELETED AERODROMES:**

LCEN ERCAN INTL

## **C) CHANGES IN RUNWAY DATA:**

DAAG ALGER/HOUARI BOUMEDIENE	RW05
DAAG ALGER/HOUARI BOUMEDIENE	RW09
DAAG ALGER/HOUARI BOUMEDIENE	RW23
DAAG ALGER/HOUARI BOUMEDIENE	RW27
FAEL EAST LONDON	RW06
FAEL EAST LONDON	RW11
FAEL EAST LONDON	RW24
FAEL EAST LONDON	RW29
FAJS O R TAMBO INTL	RW03L
FAJS O R TAMBO INTL	RW03R
FAJS O R TAMBO INTL	RW21R
FBFT FRANCISTOWN	RW11
FBFT FRANCISTOWN	RW29
FBSK SIR SERETSE KHAMA INTL	RW26
FYWH WINDHOEK/HOSEA KUTAKO INTL	RW08
FYWH WINDHOEK/HOSEA KUTAKO INTL	RW16
FYWH WINDHOEK/HOSEA KUTAKO INTL	RW26
FYWH WINDHOEK/HOSEA KUTAKO INTL	RW34
GUCY CONACRY/GBESSIA INTL	RW24
HECA CAIRO INTL	RW16
HECA CAIRO INTL	RW34
HTZA ZANZIBAR/KISAUNI INTL	RW18
HTZA ZANZIBAR/KISAUNI INTL	RW36
CYQT THUNDER BAY	RW07

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CYQT THUNDER BAY	RW12	
CYQT THUNDER BAY	RW25	
CYQT THUNDER BAY	RW30	
CYVP KUJJUAQ	RW25	
CYXT TERRACE	RW03	
CYXT TERRACE	RW15	
CYXT TERRACE	RW21	
CYXT TERRACE	RW33	
CYZH SLAVE LAKE	RW10	
CYZT PORT HARDY	RW11	
CYZT PORT HARDY	RW29	
PADQ KODIAK	RW29	
UAAO KYZYLORDA	RW24	
UEMU UST-MAYA	RW06	
UEMU UST-MAYA	RW24	
UGSB BATUMI	RW13	
UGSB BATUMI	RW31	
UHBB BLAGOVESHCHENSK/IGNATYEVO	RW36	
ULAM NARYAN-MAR	RW06	
ULAM NARYAN-MAR	RW24	
UTFN NAMANGAN	RW10	
EDNY FRIEDRICHSHAFEN	RW06	
EDNY FRIEDRICHSHAFEN	RW24	
EGSS LONDON/STANSTED	RW04	
EGSS LONDON/STANSTED	RW22	
EKRN BORNHOLM/RONNE	RW11	
EKRN BORNHOLM/RONNE	RW29	
LGTS THESSALONIKI/MAKEDONIA	RW10	
MDSO SANTO DOMINGO/LAS AMERICAS INTL	RW35	
VABB MUMBAI/CHHATRAPATI SHIV. INTL	RW14	
VABB MUMBAI/CHHATRAPATI SHIV. INTL	RW32	
VIAR AMRITSAR INTL	RW16	
VIAR AMRITSAR INTL	RW34	
RCYU HUALIEN	RW03	
RCYU HUALIEN	RW21	
RJAH HYAKURI	RW03R	
RJAH HYAKURI	RW21L	
RJNG GIFU	RW10	
RJNG GIFU	RW28	
RJOH MIHO	RW07	
RJOH MIHO	RW25	
RJSH HACHINOHE	RW07	
RJSH HACHINOHE	RW25	
RKPC JEJU INTL	RW06	
RKPK BUSAN/GIMHAE INTL	RW18L	
RKPK BUSAN/GIMHAE INTL	RW36R	
ROAH NAHA	RW18	
ROAH NAHA	RW36	
ROTM FUTENMA	RW06	

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ROTM FUTENMA	RW24
SBCY CUIABA/MARECHAL RONDON INTL	RW17
SBCY CUIABA/MARECHAL RONDON INTL	RW35
SBEG MANAUS/EDUARDO GOMES INTL	RW10
SBEG MANAUS/EDUARDO GOMES INTL	RW28
SCCF CALAMA/EL LOA	RW10
SCCF CALAMA/EL LOA	RW28
YAMB AMBERLEY	RW15
YMRB MORANBAH QLD	RW16
YMRB MORANBAH QLD	RW34
YTNK TENNANT CREEK NT	RW25
KADH ADA MUNI	RW35
KAPF NAPLES MUNI	RW14
KARV LAKELAND/NOBLE F. LEE MEMORIAL	RW36
KBFM MOBILE DOWNTOWN	RW32
KBGE DECATUR COUNTY INDUSTRIAL AIR	RW09
KBGE DECATUR COUNTY INDUSTRIAL AIR	RW14
KBGE DECATUR COUNTY INDUSTRIAL AIR	RW27
KBGE DECATUR COUNTY INDUSTRIAL AIR	RW32
KBHM BIRMINGHAM-SHUTTLESWORTH INTL	RW24
KBOS BOSTON/LOGAN INTL	RW22R
KBQK BRUNSWICK GOLDEN ISLES	RW07
KBQK BRUNSWICK GOLDEN ISLES	RW25
KBXA GEORGE R CARR MEMORIAL AIR FLD	RW18
KBXA GEORGE R CARR MEMORIAL AIR FLD	RW36
KCAE COLUMBIA METROPOLITAN	RW05
KCAK AKRON-CANTON RGNL	RW19
KCDR CHADRON MUNI	RW02
KCDR CHADRON MUNI	RW20
KCOD YELLOWSTONE RGNL	RW22
KCUB JIM HAMILTON L.B. OWENS	RW31
KCWV CLAXTON-EVANS COUNTY	RW09
KCWV CLAXTON-EVANS COUNTY	RW27
KCXO LONE STAR EXECUTIVE	RW14
KCXP CARSON	RW09
KCXP CARSON	RW27
KCYS CHEYENNE RGNL/JERRY OLSON FIEL	RW13
KDAY JAMES M COX DAYTON INTL	RW06R
KDAY JAMES M COX DAYTON INTL	RW24L
KDDC DODGE CITY RGNL	RW32
KDNN DALTON MUNI	RW14
KDNN DALTON MUNI	RW32
KEAU CHIPPEWA VALLEY RGNL	RW04
KESN EASTON/NEWNAM FIELD	RW22
KEVB NEW SMYRNA BEACH MUNI	RW07
KEWB NEW BEDFORD RGNL	RW05
KEWB NEW BEDFORD RGNL	RW14
KEWB NEW BEDFORD RGNL	RW23
KEWB NEW BEDFORD RGNL	RW32

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KEYF CURTIS L BROWN JR FIELD	RW15
KFFC PEACHTREE CITY-FALCON FIELD	RW31
KFOD FORT DODGE RGNL	RW06
KGBD GREAT BEND MUNI	RW17
KGBD GREAT BEND MUNI	RW35
KGRB AUSTIN STRAUBEL INTL	RW06
KGRB AUSTIN STRAUBEL INTL	RW24
KGSO PIEDMONT TRIAD INTL	RW23R
KGVL LEE GILMER MEMORIAL	RW23
KHDN YAMPA VALLEY	RW10
KHSP INGALLS FLD	RW07
KHUA REDSTONE AAF	RW17
KHUA REDSTONE AAF	RW35
KHYA BARNSTABLE MUNI-BOARDMAN/POLAN	RW06
KHYA BARNSTABLE MUNI-BOARDMAN/POLAN	RW15
KHYA BARNSTABLE MUNI-BOARDMAN/POLAN	RW33
KILM WILMINGTON INTL	RW35
KIPJ LINCOLN-TON-LINCOLN COUNTY RGNL	RW05
KISP LONG ISLAND MAC ARTHUR	RW15R
KJES JESUP-WAYNE COUNTY	RW29
KJST JOHN MURTHA JOHNSTOWN-CAMBRIA	RW15
KJST JOHN MURTHA JOHNSTOWN-CAMBRIA	RW33
KLAN CAPITAL CITY	RW10R
KLAN CAPITAL CITY	RW28L
KLCK RICKENBACKER INTL	RW05L
KLCK RICKENBACKER INTL	RW23R
KLHX LA JUNTA MUNI	RW26
KLKR LANCASTER COUNTY-MC WHIRTER FI	RW06
KLKR LANCASTER COUNTY-MC WHIRTER FI	RW24
KLNS LANCASTER	RW08
KLOT LEWIS UNIVERSITY	RW02
KLOT LEWIS UNIVERSITY	RW20
KLSE LA CROSSE MUNI	RW31
KLSE LA CROSSE MUNI	RW36
KLWV LAWRENCEVILLE-VINCENNES INTL	RW18
KLWV LAWRENCEVILLE-VINCENNES INTL	RW36
KMAW MALDEN RGNL	RW14
KMAW MALDEN RGNL	RW32
KMDH SOUTHERN ILLINOIS	RW18L
KMDH SOUTHERN ILLINOIS	RW36R
KMFD MANSFIELD LAHM RGNL	RW05
KMFD MANSFIELD LAHM RGNL	RW23
KMFD MANSFIELD LAHM RGNL	RW32
KMHV MOJAVE	RW12
KMKY MARCO ISLAND	RW17
KMKY MARCO ISLAND	RW35
KMLI QUAD CITY INTL	RW31
KMMI MCMINN COUNTY	RW02
KMQJ MOUNT COMFORT	RW07

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KMQJ MOUNT COMFORT	RW25
KMSP MINNEAPOLIS-ST PAUL INTL	RW04
KMSP MINNEAPOLIS-ST PAUL INTL	RW12L
KMSP MINNEAPOLIS-ST PAUL INTL	RW12R
KMSP MINNEAPOLIS-ST PAUL INTL	RW17
KMSP MINNEAPOLIS-ST PAUL INTL	RW22
KMSP MINNEAPOLIS-ST PAUL INTL	RW30L
KMSP MINNEAPOLIS-ST PAUL INTL	RW30R
KMSP MINNEAPOLIS-ST PAUL INTL	RW35
KMVY MARTHAS VINEYARD	RW06
KMVY MARTHAS VINEYARD	RW24
KNIP JACKSONVILLE NAS TOWERS FLD	RW10
KNIP JACKSONVILLE NAS TOWERS FLD	RW28
KOAK METROPOLITAN OAKLAND INTL	RW09L
KOAK METROPOLITAN OAKLAND INTL	RW27R
KOMA EPPLEY AIRFIELD	RW14L
KOMA EPPLEY AIRFIELD	RW14R
KOMA EPPLEY AIRFIELD	RW32L
KOMA EPPLEY AIRFIELD	RW36
KOPL ST LANDRY PARISH-AHART FIELD	RW36
KORD CHICAGO/O`HARE INTL	RW10
KORD CHICAGO/O`HARE INTL	RW28
KOSH WITTMAN RGNL	RW27
KPBI PALM BEACH INTL	RW10L
KPBI PALM BEACH INTL	RW14
KPBI PALM BEACH INTL	RW28R
KPBI PALM BEACH INTL	RW32
KPEA PELLA MUNI	RW16
KPMD PALMDALE RGNL/USAF PLANT 42	RW07
KPMD PALMDALE RGNL/USAF PLANT 42	RW25
KPSF PITTSFIELD MUNI	RW08
KPSF PITTSFIELD MUNI	RW26
KPTK OAKLAND COUNTY INTL	RW09R
KPTK OAKLAND COUNTY INTL	RW27L
KRAC JOHN H BATTEN	RW04
KRIW RIVERTON RGNL	RW01
KRIW RIVERTON RGNL	RW10
KRIW RIVERTON RGNL	RW19
KRIW RIVERTON RGNL	RW28
KRYY COBB COUNTY-MC COLLUM FIELD	RW09
KRYY COBB COUNTY-MC COLLUM FIELD	RW27
KSAN SAN DIEGO INTL	RW09
KSAN SAN DIEGO INTL	RW27
KSBY SALISBURY-OCEAN CITY WICOMICO	RW14
KSBY SALISBURY-OCEAN CITY WICOMICO	RW32
KSDF LOUISVILLE INTL-STANDIFORD FIE	RW35L
KSEF SEBRING RGNL	RW14
KSFB ORLANDO SANFORD INTL	RW09L
KSFB ORLANDO SANFORD INTL	RW27R

KSGJ ST AUGUSTINE	RW31
KSIY SISKIYOU COUNTY	RW17
KSMS SUMTER	RW05
KSMS SUMTER	RW23
KSNS SALINAS MUNI	RW13
KSOW SHOW LOW RGNL	RW24
KSUA WITHAM FIELD	RW12
KSUA WITHAM FIELD	RW16
KSUA WITHAM FIELD	RW30
KSUA WITHAM FIELD	RW34
KSUS SPIRIT OF ST LOUIS	RW08L
KSUS SPIRIT OF ST LOUIS	RW08R
KSUS SPIRIT OF ST LOUIS	RW26L
KTHA TULLAHOMA RGNL ARPT/WM NORTHER	RW24
KTHV YORK	RW17
KTMB KENDALL-TAMIAMI EXECUTIVE	RW09L
KTMB KENDALL-TAMIAMI EXECUTIVE	RW27L
KTMB KENDALL-TAMIAMI EXECUTIVE	RW27R
KTRK TRUCKEE-TAHOE	RW19
KTZR BOLTON FIELD	RW22
KZPH ZEPHYRHILLS MUNI	RW18

## **D) ADDED RUNWAYS (for existing aerodromes):**

ULPB PETROZAVODSK/BESOVETS	RW01/19
ZSSS SHANGHAI/HONGQIAO	RW18L/36R
ZSSS SHANGHAI/HONGQIAO	RW18R/36L
OAMS MAZAR-E-SHARIF	RW06L/24R
OAMS MAZAR-E-SHARIF	RW06R/24L
KAOH LIMA ALLEN COUNTY	RW10/28
KATW OUTAGAMIE COUNTY RGNL	RW12/30
KAVO AVON PARK EXECUTIVE	RW05/23
KYIP WILLOW RUN	RW09/27

## **E) CHANGES IN OBSTACLES DATA BY TERRITORIES:**

Denmark  
Estonia  
Germany  
Italy  
Poland  
Russian Federation  
United Republic of Tanzania

## **F) CHANGES IN TERRAIN DATA BY TERRITORIES:**

Nil

THE END -

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