



**Tradewind VA**



## **Flight Briefing Package**

**TCC907A KDEN-KMEM**

**20-Jul-2019 #1**

RELEASE #1

DENVER INTL  
(UNITED STATES)

-

MEMPHIS INTL  
(UNITED STATES)

PREPARED BY CHRISTIAN BREUER (TCA2984)

CHRISTIAN@TCA-CHARTER.DE

20 JUL 1012 UTC

| <b>Fuel Planning (kg)</b> | <b>EU-OPS</b> | <b>Fuel</b> | <b>Time</b> |
|---------------------------|---------------|-------------|-------------|
| TRIP                      |               | 10.114      | 01:41       |
| CONT 5%                   |               | 506         | 00:06       |
| HOLD                      | KMEM          | 1.714       | 00:20       |
| ALTN                      | KBNA          | 4.086       | 00:37       |
| FINAL RESV                |               | 2.567       | 00:30       |
| ADD FUEL                  |               | 457         | 00:05       |
| MIN T/O                   |               | 19.444      | 03:19       |
| EXTRA                     |               | 1.285       | 00:15       |
| TAXI                      |               | 884         | 00:17       |
| RELEASE                   | KDEN          | 21.613      | 03:51       |
| ARR FUEL                  | KMEM          | 9.679       | 01:35       |

| <b>Load Planning (kg)</b> | <b>PJTGC</b> | <b>Plan</b> | <b>Limit</b> |
|---------------------------|--------------|-------------|--------------|
| Empty Weight              |              | 156.146     |              |
| Zero Fuel Weight          | Limit        | 156.146     | 209.106      |
| Fuel                      |              | 21.613      | 162.613      |
| Ramp Weight               |              | 177.759     | 348.359      |
| Take-Off Weight KDEN      |              | 176.875     | 284.061      |
| Landing Weight KMEM       |              | 166.761     | 223.167      |
| Underload                 |              | 52.960      | Lim ZFW      |
| Max Extra Fuel            |              | 56.406      | Lim LDW      |

| <b>Cost Planning</b> |          |           |
|----------------------|----------|-----------|
| Flight Time          | 01:41\$  | 9.991     |
| Fuel                 | 11.934\$ | 6.784     |
| Total                |          | \$ 16.775 |

TRADEWIND CARIBBEAN FLIGHTPLAN - IFR TCC907A PJTGC KDEN-KMEM

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 ALL WEIGHTS IN KILOGRAMS (KG) STD 20JUL/1255Z  
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OFFP 1 - PREPARED 20JUL/1012Z BY CHRISTIAN BREUER (TCA2984) CHRISTIAN@TCA-CHARTER.DE

TR907A/TCC907A PJTGC/B777-2LR GE SEL/SALH ROUTE: KDENKMEM05

DEP: KDEN/DEN 34L ELEV 5434 FT COST INDEX: 250 TTL G/C DIST: 758 NM  
 ARR: KMEM/MEM 18R ELEV 341 FT INIT ALT: FL390 TTL F/P DIST: 767 NM  
 FUEL BIAS: 100.5% TTL AIR DIST: 756 NM  
 AVG WIND CMP: TL007 KT

ALT: KBNA/BNA 20R ELEV 599 FT 189 NM

| CONFIG   | DOW    | PAX | CARGO | TOTAL | ULOAD LIM | ZFW        | TOW    | LDW    |
|----------|--------|-----|-------|-------|-----------|------------|--------|--------|
| STANDARD | 156146 | 0   | 0     | 0     | 52960 ZFW | MAX 209106 | 284061 | 223167 |
|          |        |     |       |       |           | PLN 156146 | 176875 | 166761 |
|          |        |     |       |       |           | ACT .....  | .....  | .....  |

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 \*\* TAKE-OFF DATA KDEN 34L \*\*

COND: 176875 KG // RWY DRY // +24°C Q1014 250/08 // LMT: STRUCT  
 CONFIG: FLAPS 5 // D-T02 +51C // A/I OFF/AUTO // A/C ON  
 SPEEDS: V1=116 VR=133 V2=133  
 ENG OUT: LT TO 'SHAFT' [12 DME R 306 'FQF' 116.3] (306 INBD,RT)

|            | FUEL  | CORR  | ENDUR |                                       |
|------------|-------|-------|-------|---------------------------------------|
| TRIP       | 10114 | ..... | 01:41 |                                       |
| CONT 5%    | 506   | ..... | 00:06 |                                       |
| ALTN KBNA  | 4086  | ..... | 00:37 |                                       |
| FINAL RESV | 2567  | ..... | 00:30 |                                       |
| HOLD       | 1714  | ..... | 00:20 |                                       |
| ADD FUEL   | 457   | ..... | 00:05 |                                       |
| MIN T/O    | 19444 | ..... | 03:19 | .....                                 |
| EXTRA      | 1285  | ..... | 00:15 | CAPTAINS SIGNATURE (....)             |
| TAXI       | 884   | ..... | 00:17 |                                       |
| RELEASE    | 21613 | ..... | 03:51 | I ACCEPT THIS OFFP AND I AM FAMILIAR  |
| ARR FUEL   | 9679  | ..... | 01:35 | WITH THE PLANNED ROUTE AND AERODROMES |

FUEL TANK CAP 162613 KG / MAX EXTRA FUEL 57691 KG LIM BY LDW  
 TRIP CORR FOR 5000 KG TOW INCR: +126 KG / 5000 KG TOW DECR: -117 KG  
 2000 FT LOWER: +218 KG / EET 01:41 CLB: 250/310/84 DES: 84/320/250

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 KDEN STD 12:55Z/06:55L ETD 12:55Z ACT OFBL .... EST T/O 13:12Z ACT T/O ....  
 KMEM STA 15:30Z/10:30L ETA 15:11Z ACT ONBL .... EST LDG 14:53Z ACT LDG ....  
 SKD 02:35 PLN 02:16 TTL BLCK .... EST FLT 01:41 TTL FLT ....  
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ATC ROUTE: N0491F390 EPKEE5 GATTR DCT ICT DCT RZC BRBBQ3

ALTERNATE PLANNING

| ALTN/RWY | DIST | ALT/FL | MSA | COMP | TIME  | FUEL | DIFF | ROUTE                  |
|----------|------|--------|-----|------|-------|------|------|------------------------|
| KBNA/20R | 189  | FL306  | 040 | 0    | 00:37 | 4086 | -    | GOETZ6 GOETZ DCT WITOS |

MOST CRITICAL MORA 12100 FT AT KDEN

| AWY  | WAYPOINT | MT | ALT | MSA | FREQ    | TAS | LEG | FUEL     | REM / USED | LEG       | ACC |
|------|----------|----|-----|-----|---------|-----|-----|----------|------------|-----------|-----|
| -FIR | NAME     |    |     | ISA | WND/SPD | GS  | REM | POSITION |            | ETO / ATO |     |

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      KDEN/34L      5434 121      20.7 / 0.9
      DENVER INTL      767 N3951.1 W10441.8 ...../.....

EPKEE5  KIDNG      092  *CLB 121      18      19.3 / 2.3 04 00.04
      P14 216/022      749 N3948.6 W10423.7 ...../.....

EPKEE5  PIDLE      107  *CLB 121      12      18.8 / 2.8 02 00.06
      P13 232/018      737 N3943.6 W10409.1 ...../.....

EPKEE5  APUUU      107  *CLB 121      10      18.5 / 3.1 01 00.07
      P11 243/018      727 N3939.3 W10357.2 ...../.....

EPKEE5  VCTRE      110  *CLB 091      3       18.4 / 3.2 00 00.07
      P11 245/017      724 N3937.9 W10353.7 ...../.....

EPKEE5  EPKEE      111  *CLB 091      5       18.3 / 3.3 01 00.08
      P10 252/017      719 N3935.6 W10348.0 ...../.....

EPKEE5  *TOC      101  FL390 091      491 27      17.6 / 4.0 03 00.11
      P02 267/020 510 692 N3926.9 W10314.9 ...../.....

EPKEE5  CLAMR      102  FL390 091      491 45      17.2 / 4.5 05 00.16
      P02 274/015 508 647 N3912.1 W10220.2 ...../.....

EPKEE5  WEEDS      103  FL390 065      492 16      17.0 / 4.6 02 00.18
      P03 275/013 506 631 N3906.7 W10200.8 ...../.....

EPKEE5  GATTR      104  FL390 065      492 28      16.7 / 4.9 03 00.21
      P02 269/011 503 603 N3857.0 W10126.9 ...../.....

      KICT      104  FL390 054      18      16.5 / 5.1 03 00.24
      P03 261/009      585 N3850.6 W10105.0 ...../.....

DCT     *BDRY      105  FL390 054      492 35      16.1 / 5.5 04 00.28
-KZKC   P02 240/017 502 550 N3838.1 W10023.0 ...../.....

DCT     ICT      106  FL390 047 113.80 492 143      14.5 / 7.1 17 00.45
WICHITA P02 229/025 503 407 N3744.7 W09735.0 ...../.....

DCT     *BDRY      114  FL390 042      492 163      12.7 / 8.9 19 01.04
-KZME   P03 219/016 495 243 N3627.3 W09434.8 ...../.....

DCT     RZC      118  FL390 035 116.40 493 26      12.4 / 9.2 04 01.08
RAZORBACK FAYETTEVIL P03 216/015 495 218 N3614.8 W09407.3 ...../.....

      KMEM      100  FL390 038      18      12.3 / 9.4 02 01.10
      P03 204/015      200 N3611.2 W09345.9 ...../.....

BRBBQ3  MARBI      101  FL390 038      493 17      12.1 / 9.5 02 01.12
      P03 212/014 498 184 N3607.7 W09326.0 ...../.....

BRBBQ3  *TOD      101  FL390 038      493 66      11.3 / 10.3 08 01.20
      P03 199/010 494 117 N3553.2 W09206.0 ...../.....

BRBBQ3  IGL00      103  *DES 037      18      11.3 / 10.3 02 01.22
      P13 228/003      99 N3549.1 W09144.2 ...../.....

BRBBQ3  SAUCC      115  *DES 032      25      11.2 / 10.4 03 01.25
      P16 175/006      75 N3539.0 W09116.8 ...../.....

BRBBQ3  BRBBQ      115  *DES 032      21      11.2 / 10.4 03 01.28
      P15 148/006      53 N3530.1 W09053.2 ...../.....

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|        |              |     |             |    |                  |             |       |
|--------|--------------|-----|-------------|----|------------------|-------------|-------|
| BRBBQ3 | JAMLA        | 113 | *DES 032    | 13 | 11.1 / 10.5      | 02          | 01.30 |
|        |              |     | P15 163/005 | 40 | N3525.2 W09038.5 | ...../..... |       |
| BRBBQ3 | KMEM/18R     | 126 | 341 032     | 40 | 10.6 / 11.0      | 11          | 01.41 |
|        | MEMPHIS INTL |     |             |    | N3503.0 W08959.3 | ...../..... |       |

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**WIND INFORMATION - OBS 20/JUL 06:00**

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(CLIMB)                    ICT                    (DESCENT)  
FL330 262/020 -41 FL430 228/021 -62 FL330 169/001 -38  
FL260 236/018 -24 FL410 228/023 -58 FL260 172/004 -22  
FL200 219/020 -11 FL390 229/025 -54 FL200 153/007 -9  
13000 259/009 +7 FL370 234/024 -50 13000 158/007 +4  
6000 338/013 +21 FL350 240/023 -45 6000 235/008 +17

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END FLIGHTPLAN 03264 TCC907A PJTGC KDEN-KMEM 20JUL2019

**[ATC FLIGHTPLAN]**

(FPL-TCC907A-IS  
-B77L/H-SDE1FGHIJ1J5M1RWXY/LB2  
-KDEN1255  
-N0491F390 EPKEE5 GATTR DCT ICT DCT RZC BRBBQ3  
-KMEM0141 KBNA  
-PBN/A1B1C1D1L101S2 NAV/RNVD1E2A1 DOF/190720 REG/PJTGC  
EET/KZKC0028 KZME0104  
SEL/SALH CODE/484DC5 RVR/75 OPR/TRADEWIND CARIBBEAN  
ORGN/TNCCTCAP PER/C  
RMK/TCAS  
-E/0334)

[PLANNING WEATHER]

**ORIGIN: KDEN/DEN (DENVER INTL, UNITED STATES)**

**UTC -06:00**

KDEN 200953Z 28008KT 10SM BKN160 24/08 A2995 RMK A02 SLP035 T02390083  
KDEN 200907Z 2009/2112 25008KT P6SM FEW150 SCT220  
FM201600 01012KT P6SM SCT120 BKN180  
FM201800 02014G22KT P6SM FEW080 SCT110 BKN150  
FM202000 04012KT P6SM SCT080 BKN110  
TEMPO 2022/2102 VRB20G30KT 5SM TSRA BKN060CB  
FM210200 08010KT P6SM SCT080 BKN120  
PROB30 2102/2104 -TSRA BKN070CB  
FM210400 16010KT P6SM VCSH SCT080 BKN120  
FM210700 19010KT P6SM SCT080 BKN120

**DESTINATION: KMEM/MEM (MEMPHIS INTL, UNITED STATES)**

**UTC -05:00**

KMEM 200954Z 18006KT 10SM FEW045 FEW250 26/24 A3000 RMK A02 SLP154  
T02560244 \$  
KMEM 200852Z 2009/2112 19005KT P6SM BKN250  
FM201400 24006KT P6SM SCT025 BKN250  
FM201800 23007KT P6SM OVC250  
FM210900 20005KT P6SM OVC050

**ALTERNATE: KBNA/BNA (NASHVILLE INTL, UNITED STATES)**

**UTC -05:00**

KBNA 200953Z 00000KT 10SM CLR 26/22 A3004 RMK A02 SLP162 T02560222  
KBNA 200520Z 2006/2106 19004KT P6SM SKC  
FM201600 19006KT P6SM SCT050  
PROB30 2019/2024 4SM TSRA OVC050CB

**ADEQUATE: KICT/ICT (WICHITA EISENHOWER NATL, UNITED STATES)**

**UTC -05:00**

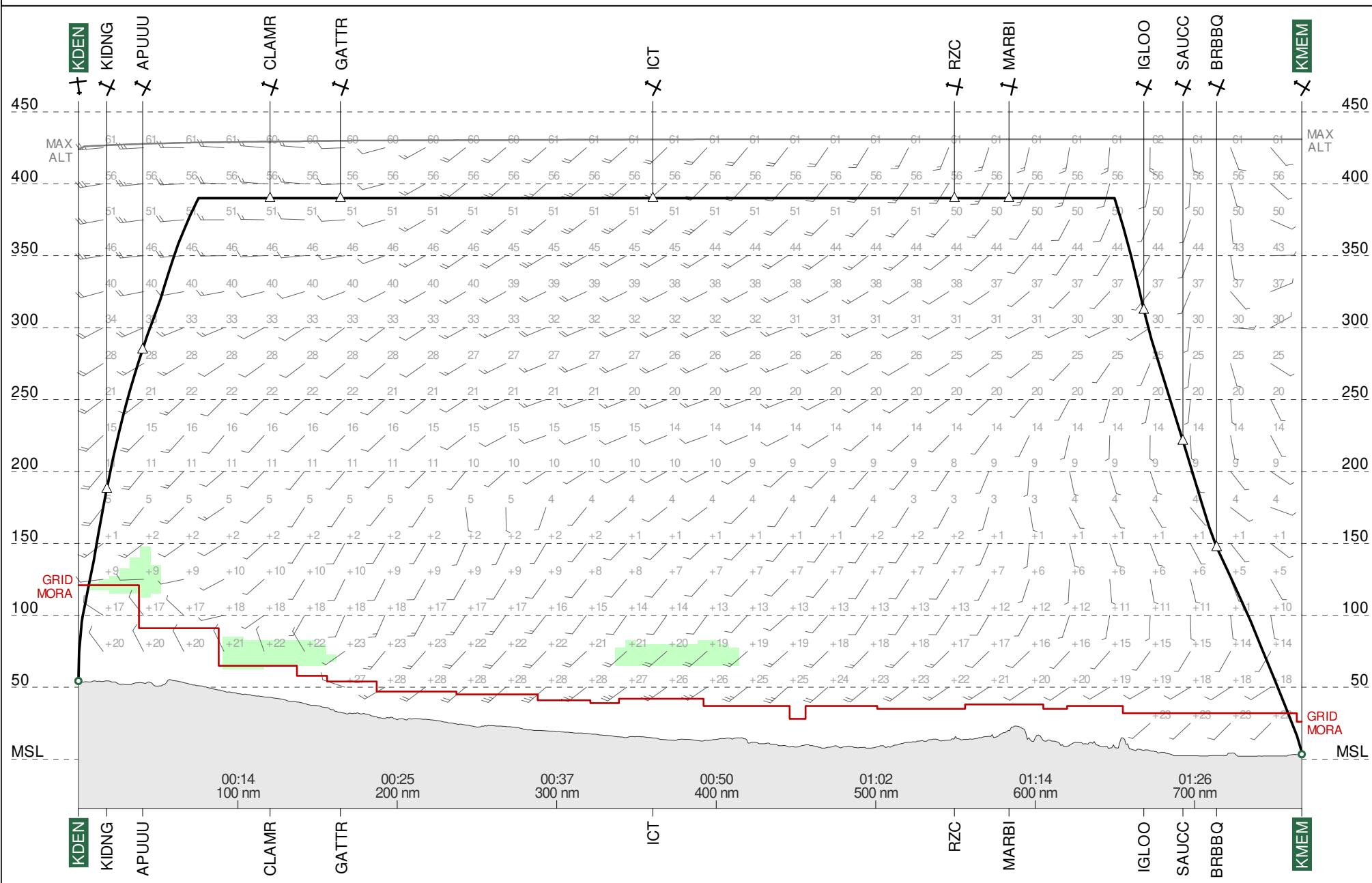
KICT 200953Z 17013KT 10SM CLR 26/20 A2983 RMK A02 SLP079 T02610200 \$  
KICT 200520Z 2006/2106 17014KT P6SM SKC  
FM200700 17013KT P6SM SCT250 WS020/20045KT  
FM201300 18014KT P6SM SCT250  
FM201400 18015G25KT P6SM SCT250  
FM210300 17010KT P6SM SCT250



TR907A #1

KDEN → KMEM

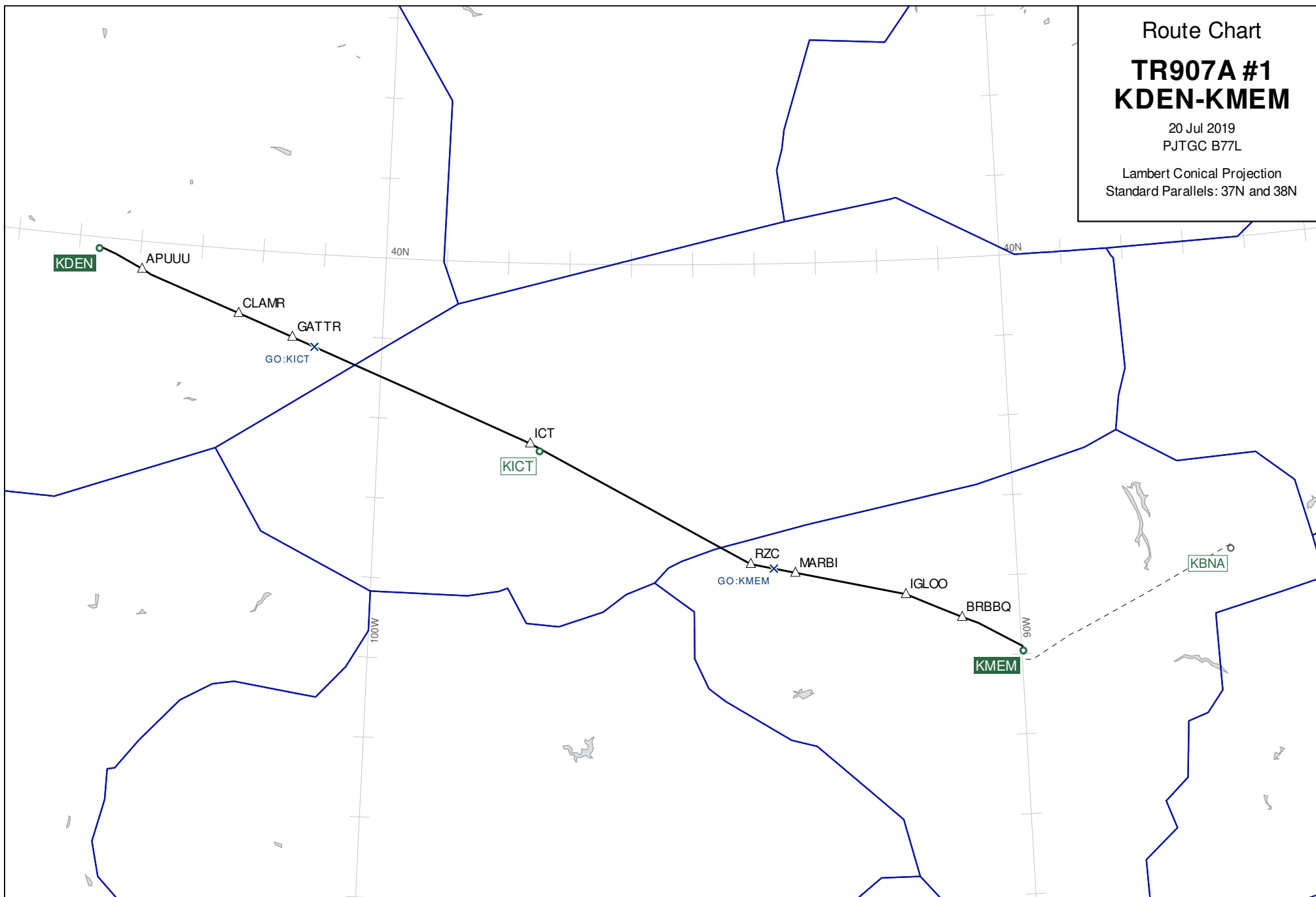
ETD 20 Jul 12:55z  
PJTGC B77L



Route Chart  
**TR907A #1**  
**KDEN-KMEM**

20 Jul 2019  
PJTGC B77L

Lambert Conical Projection  
Standard Parallels: 37N and 38N



Wind Chart

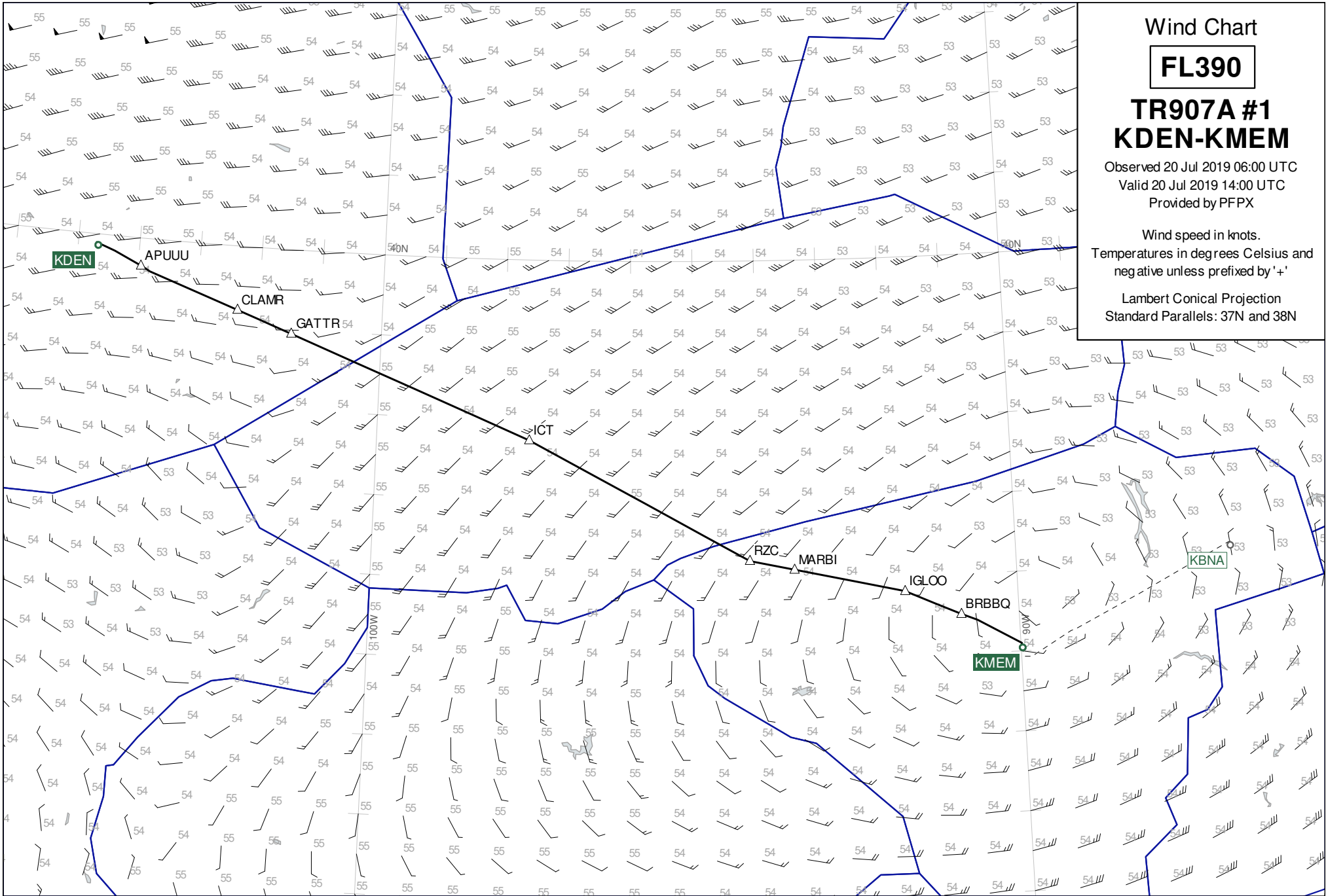
**FL390**

**TR907A #1  
KDEN-KMEM**

Observed 20 Jul 2019 06:00 UTC  
Valid 20 Jul 2019 14:00 UTC  
Provided by PFPX

Wind speed in knots.  
Temperatures in degrees Celsius and  
negative unless prefixed by '+'

Lambert Conical Projection  
Standard Parallels: 37N and 38N



Wind Chart

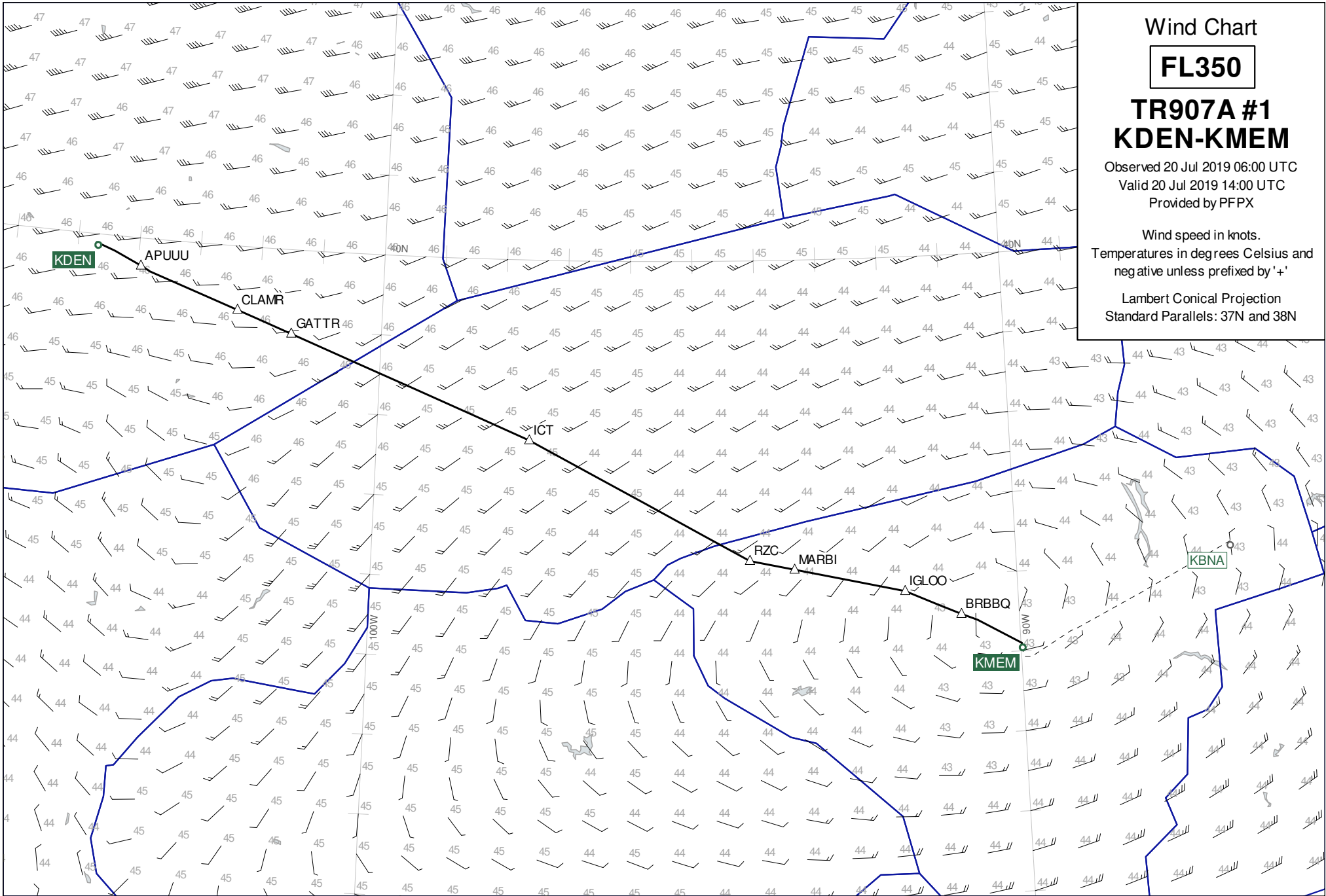
**FL350**

**TR907A #1**  
**KDEN-KMEM**

Observed 20 Jul 2019 06:00 UTC  
Valid 20 Jul 2019 14:00 UTC  
Provided by PFPX

Wind speed in knots.  
Temperatures in degrees Celsius and  
negative unless prefixed by '+'

Lambert Conical Projection  
Standard Parallels: 37N and 38N



Wind Chart

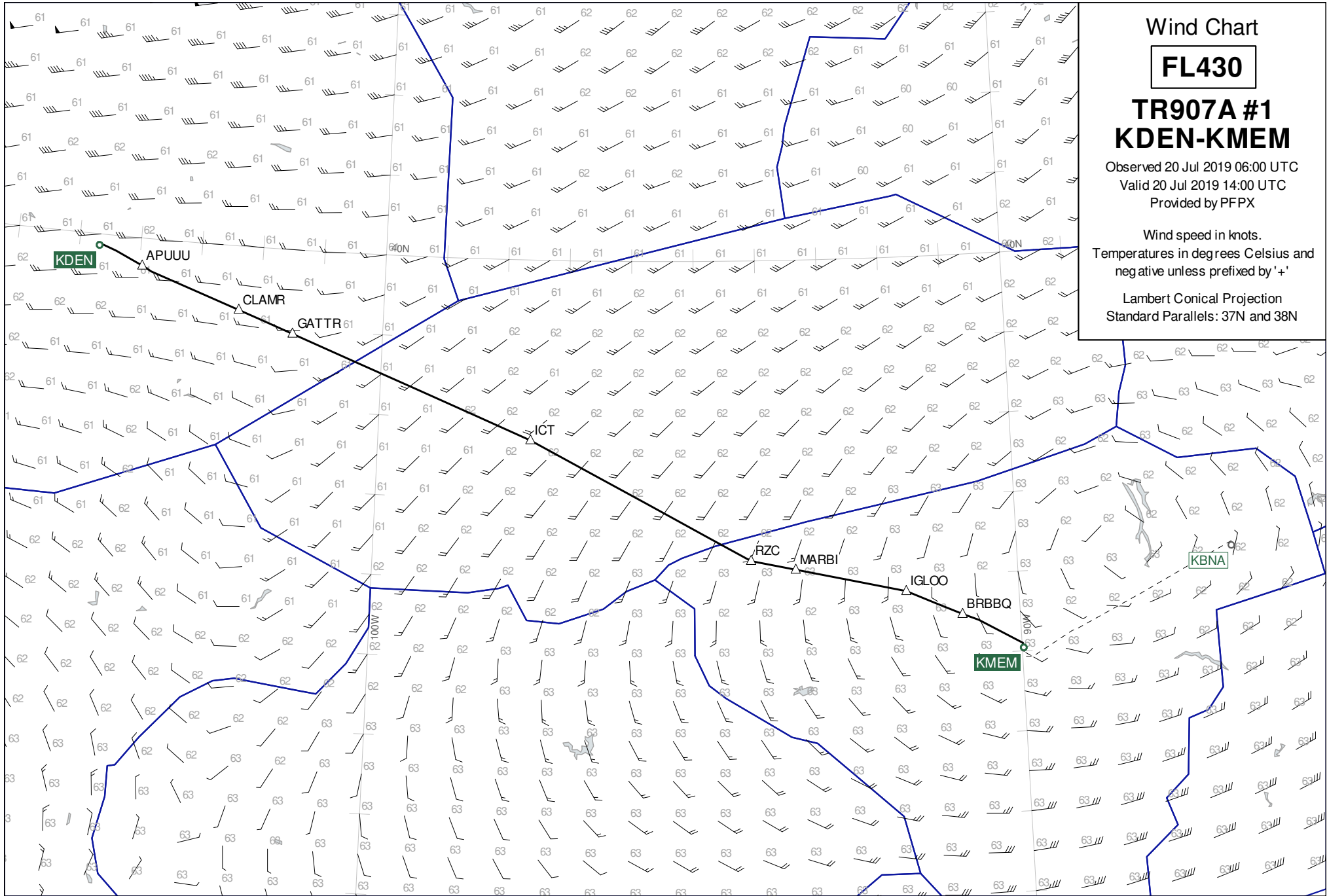
**FL430**

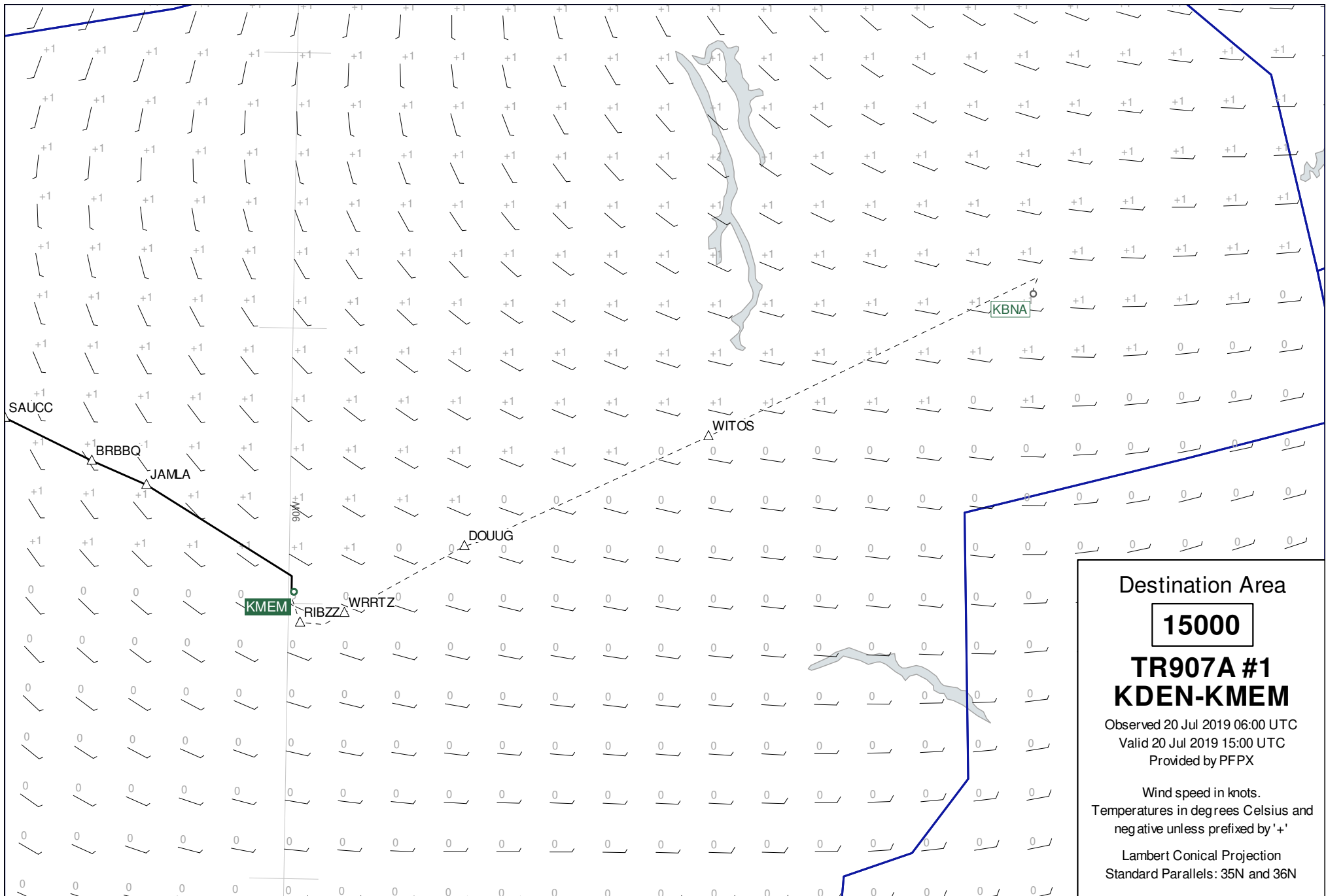
**TR907A #1**  
**KDEN-KMEM**

Observed 20 Jul 2019 06:00 UTC  
Valid 20 Jul 2019 14:00 UTC  
Provided by PFPX

Wind speed in knots.  
Temperatures in degrees Celsius and  
negative unless prefixed by '+'

Lambert Conical Projection  
Standard Parallels: 37N and 38N





Destination Area

**15000**

**TR907A #1**  
**KDEN-KMEM**

Observed 20 Jul 2019 06:00 UTC  
Valid 20 Jul 2019 15:00 UTC  
Provided by PFPX

Wind speed in knots.  
Temperatures in degrees Celsius and  
negative unless prefixed by '+'

Lambert Conical Projection  
Standard Parallels: 35N and 36N