

Computer examination supplement for Commercial Pilot Licence & Instrument rating Meteorology

Version 1

09/05/2011



South African Civil Aviation Authority
Testing Standards Section

This document is for examination purposes only and must not be used for flight or damaged in any way

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TAF

Gauteng

FAJS 291000Z 2912/3018 30012KT 9999 SCT040 BECMG 2916/2918 27006KT CAVOK
PROB30 TEMPO 3003/3006 4000 BR NSC BECMG 3008/3010 34007KT SCT030 BECMG
3016/3018 01007KT SCT010 TX19/3012ZTN08/3004Z=

FALA 270530Z 2706/2806 22008KT CAVOK FM270900 28010KT CAVOK BECMG 2714/2716
22012KT BECMG 2718/2720 12013G23KT BKN020 PROB30 TEMPO 2718/2723 -TSRA
FEW040CB BKN090 FM280500 09014KT BKN020 TX28/2712ZTN11/2804Z=

Western Cape

FACT 032200Z 0400/0506 06005KT 9999 SCT015 FM040200 33008KT 9999 BKN008 TEMPO
0402/0406 2000 BR BKN002 BECMG 0406/0408 BKN020 FM040900 33012KT 9999 SCT035
FM041600 26010KT CAVOK BECMG 0504/0506 20006KT TX21/0412ZTN09/0404Z=

Mozambique

FQMA 270400Z 2706/2812 22010G20KT 9999 FEW020 SCT025 BECMG 2710/2712 16016KT
SCT025 BKN030 TEMPO 4000 -RA SCT020 BKN025 BECMG 2718/2720 22010KT PROB30
TEMPO 2720/2804 5000 -SHRA SCT020 BKN025 TX26/2712ZTN18/2704Z=

Botswana

TAF COR FBSK 270300Z 2706/2812 15008KT CAVOK BECMG 2803/2805 BKN014=

SPECI

Date: 2011-03-08 - Time: 00:15

SPECI FACT 080015Z 33008KT 4000 BR SCT001 17/17 Q1009 TEMPO 3000 BKN001=

Date: 2011-03-08 - Time: 00:30

FACT 080030Z 33011KT 3000 BR BKN001 17/17 Q1009 TEMPO 2000=

Date: 2011-03-08 - Time: 00:37

SPECI FACT 080037Z 33009KT 1000 R01/1300VP2000D R19/1300V2000D BCFG BKN001
17/17 Q1009 NOSIG=

Date: 2011-03-08 - Time: 01:00

FACT 080100Z 33011KT 1000 R01/1000V1400U R19/1200V1300N BCFG BKN001 17/17 Q1009
NOSIG

METAR

Freestate

FABL 270700Z 17017KT 140V200 CAVOK 14/M01 Q1026 NOSIG=

FABM 270700Z 04006KT CAVOK 13/06 Q1025=

FAWM 270700Z AUTO 17008KT //// // // 15/00 Q1026=

FAHV 270700Z AUTO 14008KT //// // // 12/01 Q1027=

Mozambique

FQMA 270700Z 18014KT 140V210 9999 BKN025 24/17 Q1019 NOSIG=

FQBR 270700Z 13005KT 9999 BKN016 24/20 Q1016=

Northwest Province

FAMM 270700Z 15013KT CAVOK 17/M08 Q1023 NOSIG=

Zimbabwe

FVHA 270600Z 06011KT 4000 HZ SKC 19/07 Q1024 NOSIG=

Wind charts

FIG 1

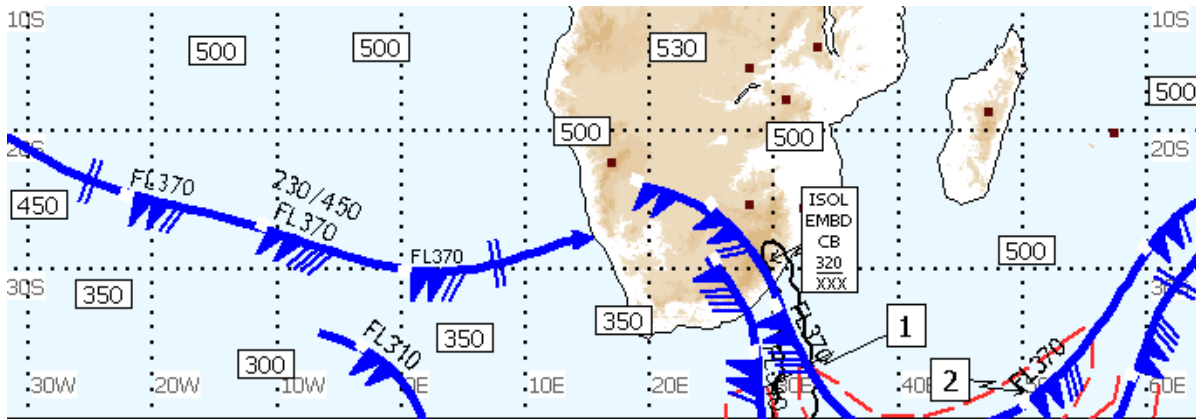


FIG 2

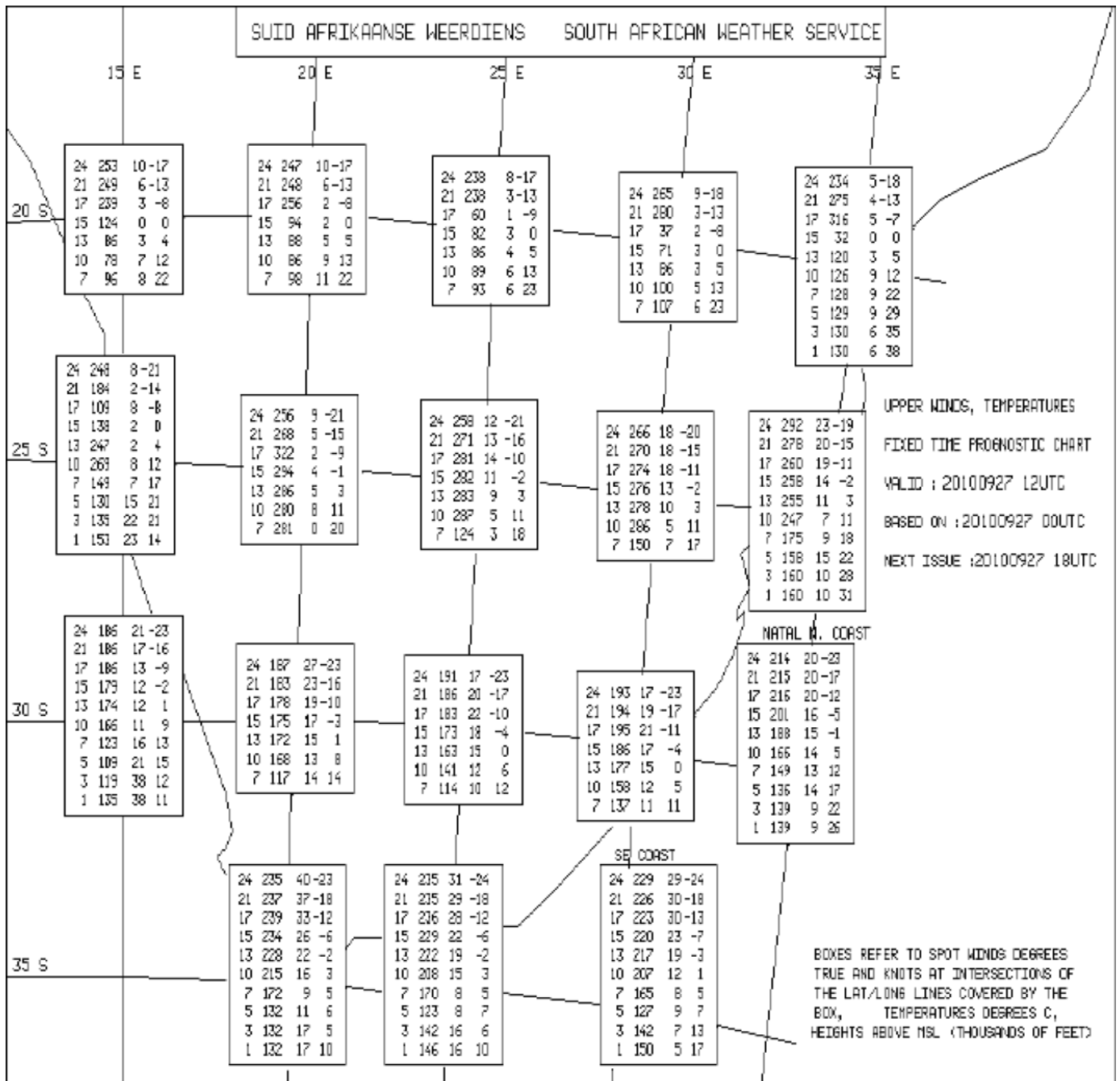



































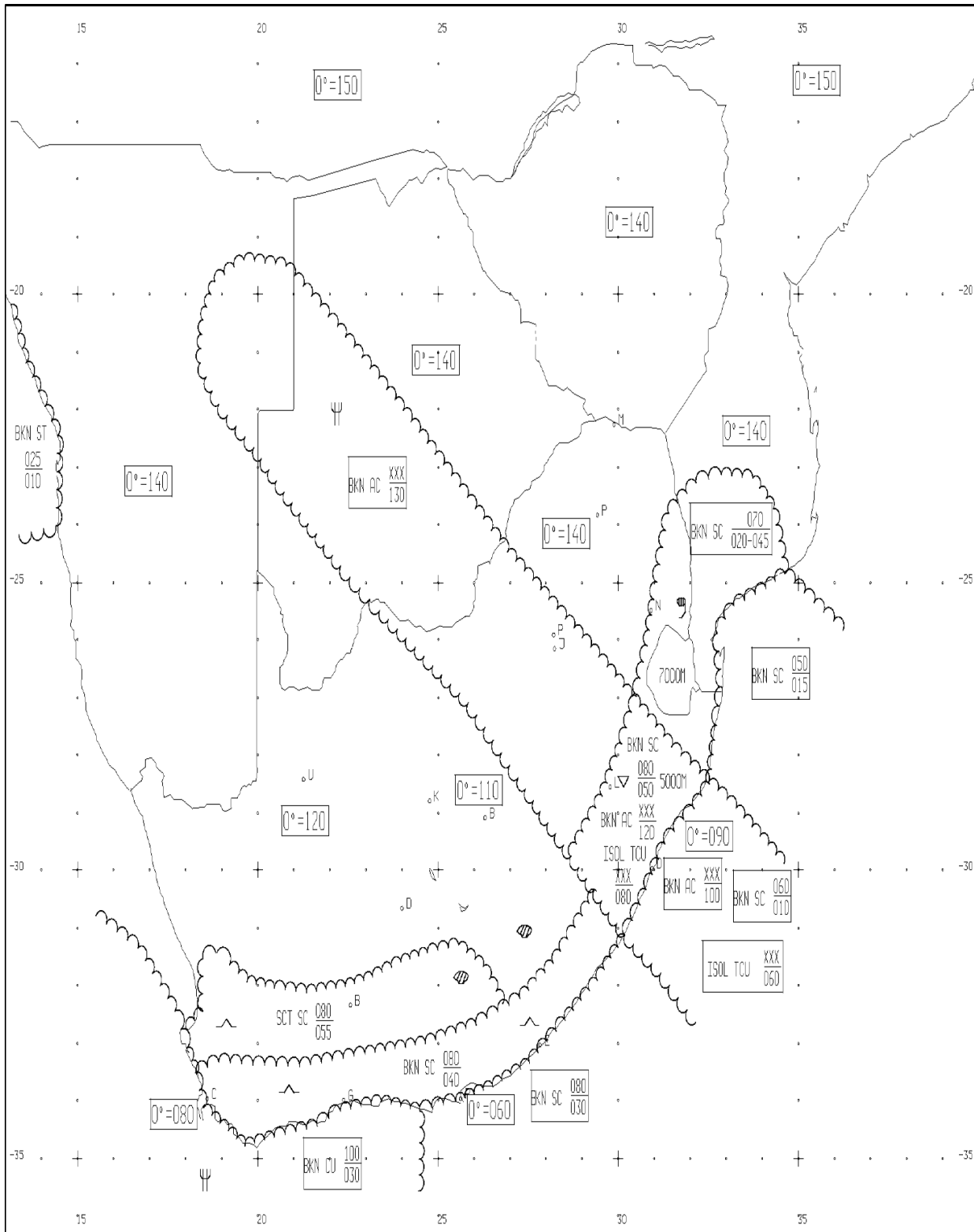


FIG 3

<u>Abbreviations</u>	<u>Symbols for Significant Weather</u>
MON = Mountains ESC = Escarpment CIT = Urban Areas VAL = Valleys LOV = Lowveld COT = Coastal	 Thunderstorms  Moderate Turb.  Slight Aircraft Icing  Widespread Fog  Drizzle  Showers  Widespread Sandstorm or Dust Storm  Freezing Precipitation
BR = Mist FU = Smoke HZ = Haze DU = Dust RA = Rain TS = Thunderstorm SA = Sand GS = Hail GR = Hail VC FG = Vicinity Fog BCFG = Fog Patches PRFG = Partial Fog MIFG = Shallow Fog BLSN = Blowing Snow SHRA = Rain Showers	 Tropical Cyclone  Severe Turb.  Moderate Aircraft Icing  Widespread Mist  Rain  Widespread Blowing Snow  HAZE  Freezing Precipitation (This symbol does not refer to icing due to precipitation coming into contact with aircraft that are at a very low temperature.)
FEW = 1 to 2 Octas SCT = 3 to 4 Octas BKN = 5 to 7 Octas OVC = 8 Octas NSC = No sig. cloud NSW = No sig. weather LVR = Layered cloud ISOL CB: Individual cells OCNL CB: Well separated cells FRQ CB: Little or No Separation EMBD: Embedded in cloud and/or Haze	 Severe Line Squall *  Mountain Wave  Severe Aircraft Icing  HAIL  Snow  Severe Sand or Dust Haze  Widespread Smoke
NOTE: Height indications between phenomena are expected, above base, as per Chart Legend.	* - In flight documentation, for flight up to FL100, this symbol refers to 'Line Squall'.
 Cold Front  Quasi Stationary Front  Tropopause Height  I.T.C.Z.	 Warm Front  Tropopause High  Convergence Line  Synoptic Boundary
	 Occluded Front  Tropopause Low  Freezing Level Position, Speed and Level of Maximum Wind
The double bar denotes changes of level by 3000 or less and/or wind speeds by 3? Knots-20Kt. In the example, at the double bar, the wind speed is 225Kmph-120Kt. The heavy line delineating the Jet axis begins/ends at the points where a wind speed of 150Kmph-80Kt is forecast.	Copyright South African Weather Service



LOM <Below FL180>
 FIXED TIME PROGNOSTIC CHART VALID- 09H00 UT 2010/09/27
 COMPILED BY LARA - ISSUED AT OSHOO UT 2010/09/27
 CB Imply moderate or severe turbulence, Thunder, icing and hail.
 SOUTH AFRICAN WEATHER SERVICE