

**HUMPHREY FIELD ANALYZER  
AUTOMATED  
KINETIC  
VISUAL FIELD  
TESTING  
SOP**

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## **System requirements:**

*ZEISS HUMPHREY FIELD ANALYZER MODEL 750*

*SOFTWARE 12.6* - see note below

**Note:** Software 14.0 has a malfunction which does not allow Kinetic tests to run or print. Updated Software is due out 4/2007 which will solve this problem. However until then if you do not have the 12.6 software contact Humphrey Zeiss 1-877- 486-7473 ask for Technical Support . You will need the serial number off of the instrument. Request a copy of the 12.6 Software, They can send it by email to your personal account (AKO did not allow the file). Or mail floppy discs directly to you.

**Older software does not have the Kinetic programs required.**

### **How to identify what Software version is on your instrument.**

With the instrument on, look up on the screen upper left corner of the screen. The number stated is your Software version. (example Rev.12.6)

### **To load new software.**

Turn off the instrument.

Insert the first of three discs.

Turn on the instrument.

Push yes you want to load the software and follow prompts.

At the end of up load, shut down and restart the instrument.

**REFERENCES:**

**HUMPHREY Field Analyzer II User's Guide  
Model 720 \* 730 \* 735 \* 740 \* 745 \* 750  
Section 11 Kinetic Testing**

**Technical Telephone Support Zeiss Humphrey 1-877-486-7473**

**SOP Developed and Written by:**

**Kathy Dorr, COT**

**Education Coordinator**

**Madigan Army Medical Center**

**Ophthalmology Clinic**

**Bldg 9040A Fitzsimons**

**Tacoma, WA 98431**

**(253) 968-1760**

## **:HUMPHREY VISUAL FIELD KINETIC TESTING SOP:**

From Main Screen

**SELECT:** Show Test Library

**SELECT:** Kinetic Testing

**SELECT:** Standard 30 Kinetic

**SELECT:** Step by Step

**SELECT:** Right Eye

**SELECT:** Enter or Recall Patient Data. **NOTE:** only need to enter ID, Name, DOB,  
Leave Rx Blank no Rx is used for test.

**SELECT:** Proceed

**Instruct the patient to focus on the Yellow light in the center hole. Tell the patient the light will come from the side. Tell the patient when they first see the light to push the button on the hand piece.**

**SELECT:** Parameters (setting need to be III 4 e) if need change setting.

**SELECT:** Test Meridian (It is best to use this first meridian as an example for the patient)

**SELECT:** Previous Meridian

**SELECT:** Test Meridian this will retest the same meridian.

**SELECT:** Test Meridian continue on with this until all Meridian are tested aprox 10 times)

**SELECT:** Special Mapping

**SELECT:** Blind Spot map

**SELECT:** The box with 8 pattern.

**Instruct the patient to continue to focus on the Yellow fixation light and that the white light will come and go in a smaller area. Tell the patient to push the button each time they see the light.**

**SELECT:** Selection Complete. (This will start mapping the blind spot immediately)

**There is no beep indicating the Blind Spot mapping has completed. Monitor the screen to change back to the test mode. Have the patient sit back.**

**SELECT:** End Test.

**SELECT:** End Test

**SELECT:** Add Isopter Lines

**SELECT:** Save on Disc

**SELECT:** Yes

**SELECT:** Test other eye: REPEAT ABOVE DIRECTIONS. Then print tests as below.

**SELECT:** Print Icon

**SELECT:** Full Field and print

STANDARD 30 KINETIC

EYE: RIGHT

NAME: SAMPLE KINETIC TEST

ID: 0000

DOB: 01-01-1950

O: III 4 E 2<sup>+</sup>/SEC. WHITE

PUPIL DIAMETER:

DATE: 02-23-2007

A: III 4 E 2<sup>+</sup>/SEC. WHITE

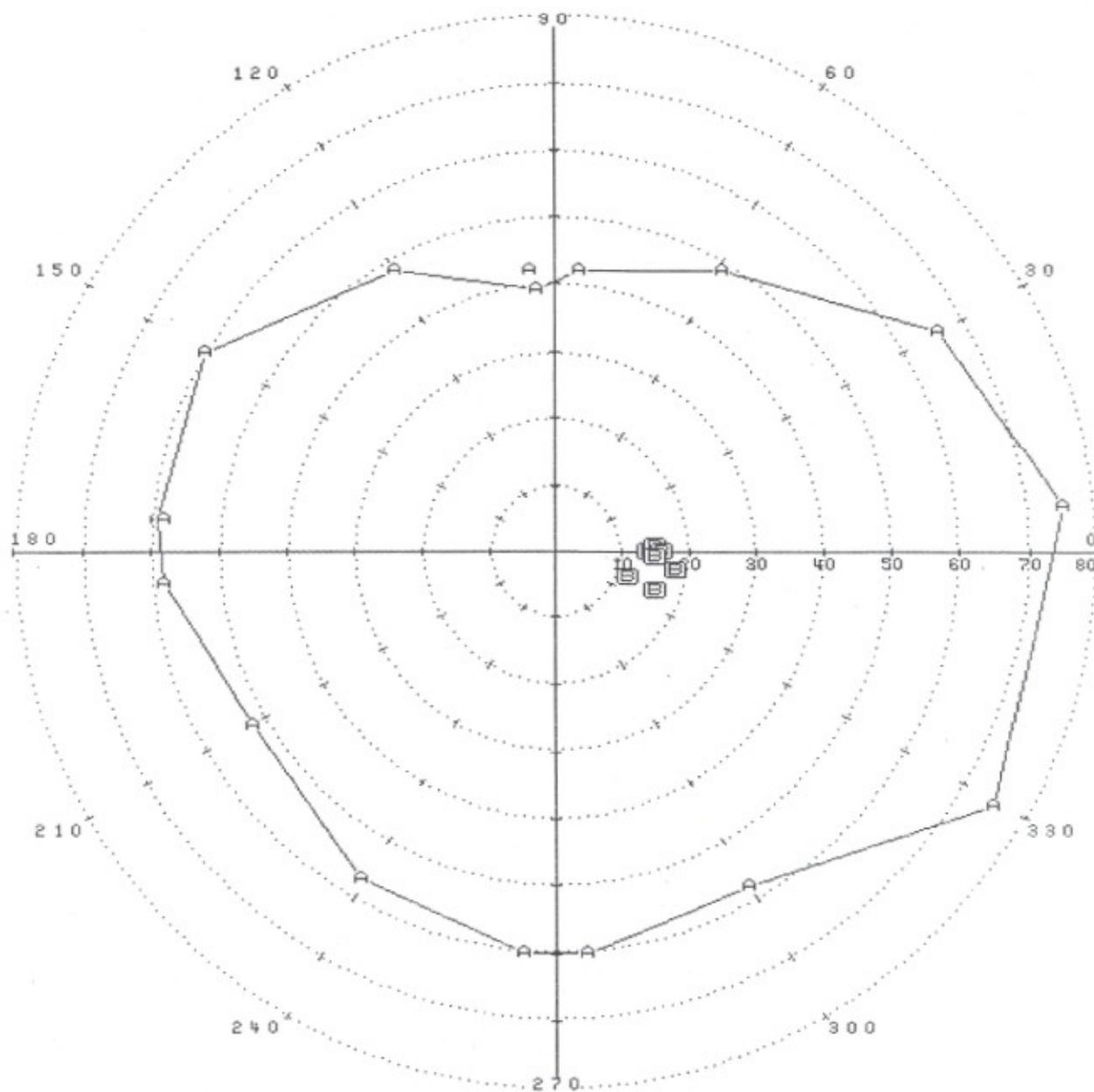
VISUAL ACUITY: 20/20

TIME: 9:41 AM

RX: OS OC X

AGE: 57

FIXATION TARGET:



OPHTHALMOLOGY CLINIC  
MHC, U.S. ARMY  
FT. LEWIS, WA 98431  
(253) 968-1768  
ROOM #2 FIELD ANALYZER 750-2754

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HFA II 750-2754-12.6/12.6

STANDARD 30 KINETIC

EYE: LEFT

NAME: SAMPLE KINETIC TEST

ID: 8888

DOB: 01-01-1950

R: III 4 E 2°/SEC. WHITE

PUPIL DIAMETER:

DATE: 02-23-2007

A: III 4 E 2°/SEC. WHITE

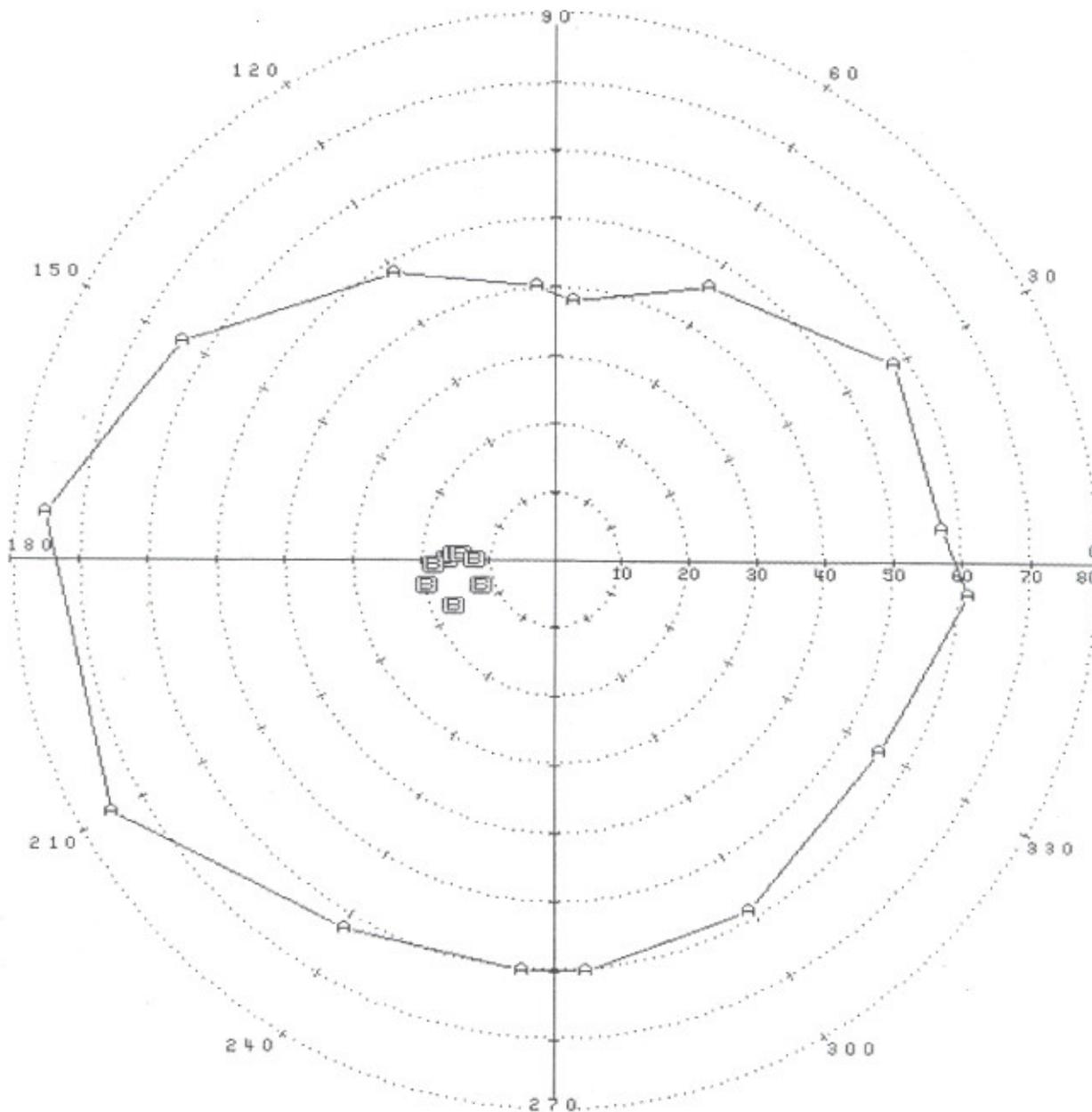
VISUAL ACUITY: 20/20

TIME: 10:49 AM

RX: DS DC X

AGE: 57

FIXATION TARGET:



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STANDARD 30 KINETIC

EYE: LEFT

NAME: SAMPLE KINETIC TEST

ID: 0000

DOB: 01-01-1950

B: III 4 E 2"/SEC. WHITE

PUPIL DIAMETER:

DATE: 02-23-2007

A: III 4 E 2"/SEC. WHITE

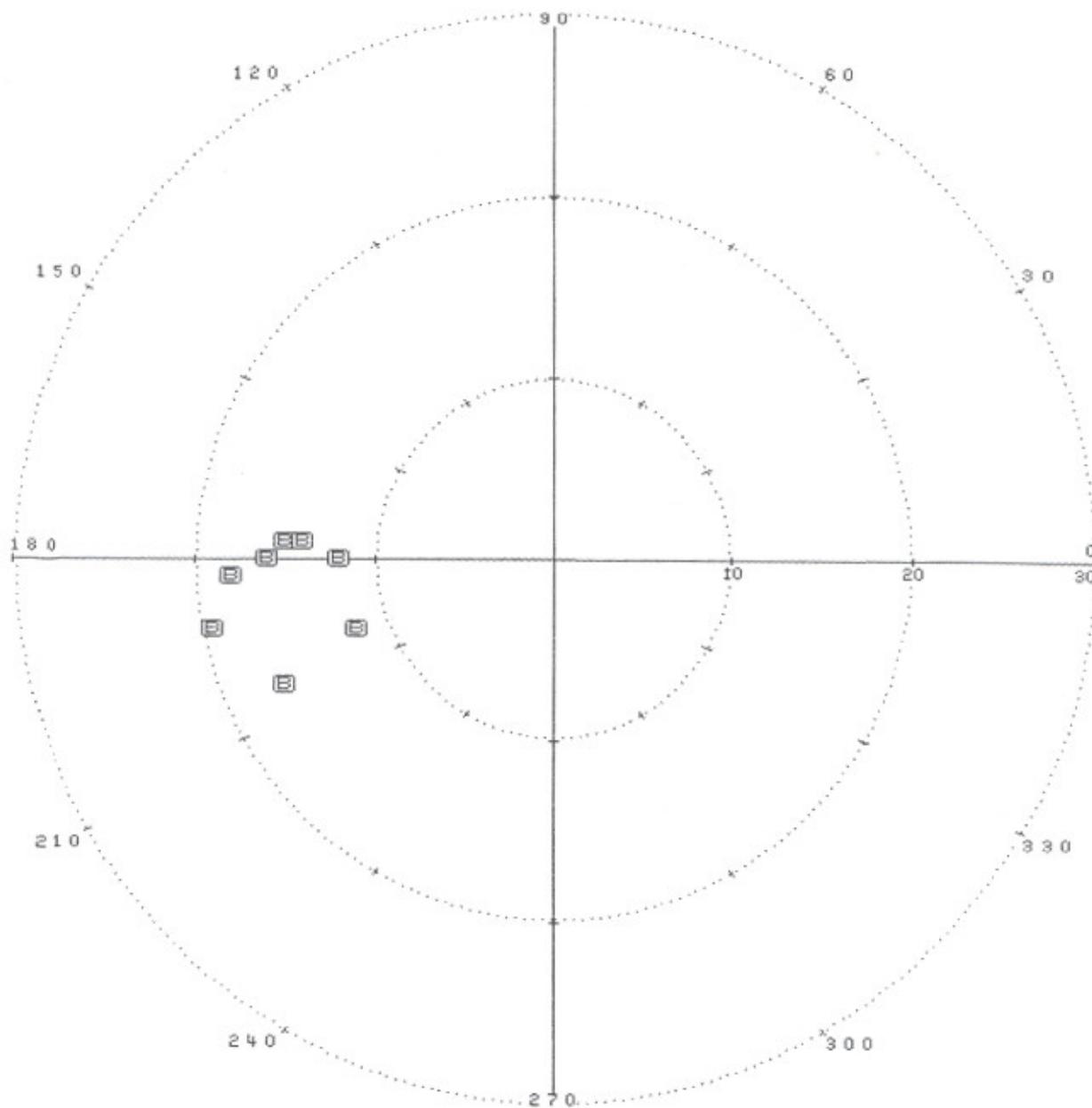
VISUAL ACUITY: 20/20

TIME: 10:49 AM

RX: OS DC X

AGE: 57

FIXATION TARGET:



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## STANDARD 30 KINETIC

EYE: LEFT

NAME: SAMPLE KINETIC TEST

ID: 0000

DOB: 01-01-1950

R: III 4 E 2/SEC. WHITE  
A: III 4 E 2/SEC. WHITEPUPIL DIAMETER:  
VISUAL ACUITY: 20/20  
RX: OS DC X  
FIXATION TARGET:DATE: 02-23-2007  
TIME: 10:48 AM  
AGE: 57

ISOPTER IDENT	MERIDIAN START	DEGREES START	MERIDIAN STOP	DEGREES STOP	STIMULUS VALUE	STIMULUS RESPONSE	TEST TYPE
A	5	75	5	57	III 4 E	SEEN	STANDARD
A	30	66	30	58	III 4 E	SEEN	STANDARD
A	355	75	355	61	III 4 E	SEEN	STANDARD
A	85	42	85	38	III 4 E	SEEN	STANDARD
A	265	60	265	60	III 4 E	SEEN	STANDARD
A	150	66	150	64	III 4 E	SEEN	STANDARD
A	60	49	60	46	III 4 E	SEEN	STANDARD
A	240	62	240	62	III 4 E	SEEN	STANDARD
A	95	42	95	48	III 4 E	SEEN	STANDARD
A	175	75	175	75	III 4 E	SEEN	STANDARD
A	120	49	120	49	III 4 E	SEEN	STANDARD
A	210	75	210	75	III 4 E	SEEN	STANDARD
A	300	62	300	59	III 4 E	SEEN	STANDARD
A	275	60	275	60	III 4 E	SEEN	STANDARD
A	330	75	330	56	III 4 E	SEEN	STANDARD
B	182	15	182	12	III 4 E	SEEN	S-MAP
B	182	15	182	18	III 4 E	SEEN	S-MAP
B	178	15	177	14	III 4 E	SEEN	S-MAP
B	182	15	183	19	III 4 E	SEEN	S-MAP
B	178	15	178	15	III 4 E	SEEN	S-MAP
B	182	15	285	17	III 4 E	SEEN	S-MAP
B	178	15	178	16	III 4 E	SEEN	S-MAP
B	182	15	186	12	III 4 E	SEEN	S-MAP

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