

# AVSAPRO MILLENNIUM

## Opening screen – Build your test

AVSAPRO MILLENNIUM

Files About Settings

Build Test Test Mode Narrative Mode Select WAV files Displays

Select Type of Template  Confirm Select a Category  Confirm

Class	Text	Questions
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Number of CHARTS      Number of QUESTIONS

Class	Color	Text	Rotat	Questions
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Save Test As  
Preview / Print  
Recall Test  
Refresh  
Show Formula

## Select a question construct and a crime category from in-built libraries

AVSAPRO MILLENNIUM

Files About Settings

Build Test Test Mode Narrative Mode Select WAV files Displays

Select Type of Template  Confirm Select a Category  Confirm

- SCREENING-4
- SCREENING-6
- PEAK DF TENSION
- BACKSTER ZOC
- USAF MGQT SCREENING
- USAF MGQT 1
- USAF MGQT 2
- UTAH ZOC
- IZCT
- BLANK ZOC FORMAT

Class	Text	Questions
-------	------	-----------

Number of CHARTS      Number of QUESTIONS

Class	Color	Text	Rotat	Questions
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Save Test As  
Preview / Print  
Recall Test  
Refresh  
Show Formula

## Select a crime category and select appropriate questions for editing

AVSAPRO MILLENNIUM

Files About Settings

Build Test Test Mode Narrative Mode Select WAV files Displays

Select Type of Template IZCT Confirm Select a Category THEFT Confirm

Class	Text	Questions
✓	B	Did you plan to steal that missing _____(specify article) {A}
	B	Did you make a plan to steal any of that missing_____(specify amount of money) {B}
	B	Did you make a plan with anyone to steal _____(victim name) credit card {C}
	B	Did you make a plan with anyone to steal _____(victim name) missing cheques {D}
✓	O	Do you know for sure who stole that missing _____(specify article) {A}
	O	Do you know for sure who stole any of that missing _____(specify amount of money) {B}
	O	Do you know for sure who stole ____ (victim name) credit card {C}
	O	Do you know for sure who stole any of _____(victim name) missing cheques {D}

Number of CHARTS 3 Number of QUESTIONS

Class	Color	Text	Rotat	Questions
IRREL				Q6 ARE YOUR FEET TOUCHING THE GROUND
CQ			7,10,4,	Q7 IN THE PAST THREE YEARS DID YOU EVER CHEAT ANYONE THAT TRUSTS YOU
RQ		B		Q8 Did you plan to steal that missing
IRREL				Q9 ARE YOU STILL SITTING DOWN
CQ			10,4,7,	Q10 IN THE PAST SIX MONTHS DID YOU TELL A SERIOUS LIE TO ANYONE THAT TRUSTS YOU
RQ		O		Q11 Do you know for sure who stole that missing
SRQ				Q12 DID YOU INTENTIONALLY LIE TO ANY OF THE PREVIOUS QUESTIONS

Save Test As

Preview / Print

Recall Test

Refresh

Show Formula

## Preview questions for acceptance/editing and then save test as

Preview

Print Close Window

Q1 ARE YOU SITTING DOWN

Q2 DO YOU INTEND TO LIE TO ANY QUESTIONS THAT WE WILL ASK YOU TODAY

Q3 ARE YOU COMFORTABLE

Q4 IN THE PAST TWO YEARS DID YOU TELL A SERIOUS LIE TO ANYONE THAT TRUSTS YOU

Q5 Did you take that missing \_\_\_\_\_( specify article)

Q6 ARE YOUR FEET TOUCHING THE GROUND

Q7 IN THE PAST THREE YEARS DID YOU EVER CHEAT ANYONE THAT TRUSTS YOU

Q8 Did you plan to steal that missing

Q9 ARE YOU STILL SITTING DOWN

Q10 IN THE PAST SIX MONTHS DID YOU TELL A SERIOUS LIE TO ANYONE THAT TRUSTS YOU

Q11 Do you know for sure who stole that missing

Q12 DID YOU INTENTIONALLY LIE TO ANY OF THE PREVIOUS QUESTIONS

## Proceed to TEST MODE:

Select your recently constructed test

Enter Client and Subject Name details on the RHS

Enter Examinee details and load your logo or subject picture in LHS data fields

The screenshot shows the AVSAPRO MILLENNIUM software interface. At the top, there is a menu bar with 'Files', 'About', and 'Settings'. Below the menu bar, there are tabs for 'Build Test', 'Test Mode', 'Narrative Mode', 'Select WAV files', and 'Displays'. The 'Test Mode' tab is active. The main window is titled 'Question Driven Mode' and includes a 'Record data' button (green) and an 'Elapsed Time' display showing '0'. There is also an 'Automatic Gain' checkbox.

The interface is divided into several sections:

- Recording Directory:** A text box containing 'C:\Program Files (x86)\AVSAPRO\Millennium'. Below it are buttons for 'Enter Examinee Details', 'Load Image', and 'Examinee Report'.
- Test Results:** A table with columns 'Ch 1', 'Ch 2', 'Ch 3', 'R 1', 'R 2', 'R 3', and 'Final Results'. Below the table are buttons for 'Save Report', 'Reload Report', 'Stop Current Test', and 'Preview/Print Report'. There are also checkboxes for 'DI Chart 1', 'DI Chart 2', and 'DI Chart 3', and a 'DI Average' label.
- Configuration:** A 'Select your TEST' dropdown set to 'Demo.TST', an 'Associated Template' dropdown set to 'IZCT.TPL', a 'Category' dropdown set to 'THEFT', a 'Client Name' text box set to 'Demo', and a 'Subject Name' text box set to 'Demo'. A 'Confirm' button is next to the Subject Name field. Below these is a 'Start TEST' button.
- Navigation:** An 'Enter Key' text box, a 'Beep' checkbox, and buttons for 'Previous Question', 'Reset Current Chart', and 'Refresh Program'.

## Examinee Details Page

The screenshot shows the 'Examinee Details' page. It is divided into two main sections: 'SUBJECT BIO DETAILS' and 'ISSUE UNDER EXAMINATION'.

**SUBJECT BIO DETAILS:**

- LETTERHEAD INFO:** A text box for the letterhead.
- EMAIL / URL:** A text box for the email or URL.
- CUSTOMER ID:** A text box for the customer ID.
- TEL:** A text box for the telephone number.
- NAME:** A text box for the examinee's name.
- DOB:** A date picker set to '30 May 2019'.
- AGE:** A text box for the age.
- OCCUPATION / Duration:** A text box for the occupation and duration, with a note 'eg 4 yrs'.
- Health:** A text box for health information.
- Medication currently using:** A text box for medication.
- Deviations:** A text box for deviations, with a note 'The Examinee produced verbal response of "No" to the above question.'

**ISSUE UNDER EXAMINATION:**

- The examinee was administered a Truth Verification Test in connection with:** A text box for the issue.
- Alcohol or Drug use past 12 hours:** Radio buttons for 'Yes' and 'No'.
- Hospitalised in past 2 years:** Radio buttons for 'Yes' and 'No'.
- Is Examinee Comfortable:** Radio buttons for 'Yes' and 'No'.
- Health / Medical Issues:** Radio buttons for 'Yes' and 'No'.
- Previously dismissed from any employment:** Radio buttons for 'Yes' and 'No'.
- Reason:** A text box for the reason.
- Previously administered a Truth Verification Test:** Radio buttons for 'Yes' and 'No'.
- Reason:** A text box for the reason.
- Did Examinee make any admissions or provide any information:** A text box for admissions or information.
- Own Conclusion:** A text box for the examinee's own conclusion.

At the bottom of the page are 'Save' and 'Cancel' buttons.


# Subject photo inserted

Biographic Report

Edit Report Refresh Print Cancel

## AVSAPRO TECHNICAL REPORT

LETTERHEAD INFO  
CUSTOMER ID  
EMAIL / URL:  
TEL:



AVSAPRO MILLENNIUM-DOD Examination Report  
Protocol: Demo.TST / IZCT.TPL

Date :08/10/2019 17:43 Examiner: \_\_\_\_\_

**SUBJECT BIO DETAILS**  
Demo  
Name:

## Completed 3 Chart IZCT

Outcomes include individual chart scores + total exam score + separate RQ's

AVSAPRO MILLENNIUM

Files About Settings

Build Test Test Mode Narrative Mode Select WAV files Displays

Question Driven Mode Record data  Elapsed Time 0  Automatic Gain

Recording Directory  
C:\Program Files (x86)\AVSAPRO\Millennium\Clients\JETAIR\Pilot

Enter Examinee Details  
Load Image  
Examinee Report

	Ch1	Ch2	Ch3	R 1	R 2	R 3	Final Results
1	86	84	67				
2	78	79	76				
3	85	91	83				
4	76	68	75				
5	79	83	65				
6	84	92	40				
7	70	78	86				
8	79	81	81				
9	93	63	73				
10	90	68	77				
11	76	74	68				
12	70	69	88				

Select your TEST Bidair MN125\_12092019.  
Associated Template IZCT.TPL  
Category THEFT  
Client Name JetAir  
Subject Name Pilot

Start TEST

Chart Number — Question Number —

Enter Key   
 Beep

Save Report Reload Report  
Stop Current Test Preview/Print Report

DI Chart 1 66.41  DI Chart 2 76.23  DI Chart 3 53.35  
DI Average 65.33

Previous Question  
Reset Current Chart  
Refresh Program

Noise detected - VSA: [35] || Recording Words: [0]

# AVSAPRO TECHNICAL REPORT

ACME FORENSICE SERVICES  
007 James Bond Drive  
HOLLYWOOD

25 September 2019

JETAIR SERVICES  
www.avsapro.com



YOUR LOGO CAN GO HERE or ELSEWHERE

AVSAPRO MILLENNIUM-DOD Examination Report  
Protocol: JETAIR – Jewellery stolen 12/09/2019

Date :25/09/2019 08:43 Examiner: Clifton Coetzee

## SUBJECT BIO DETAILS

JOHN DOE

Name: JOHN DOE

DOB:22-02-1995 AGE:24 OCCUPATION: Handler: 2-3 yrs

Health: Fair / Sleep: 4-5 hrs

Alcohol or Drug use past 24 hours: None

Health / Medical Issues: No

Medication currently using: NONE

Hospitalised in past 2 years: No Is Examinee Comfortable: Yes

Previously dismissed from any employment: No Reason: N/A

Previously administered a Truth Verification Test: Yes Reason: N/A

## **ADMISSIONS**

Did Examinee make any admissions or provide any information: Subject had no information to contribute.

## **METHODOLOGY:**

The examinee was administered a Truth Verification Test utilising AVSAPRO MILLENNIUM proprietary Voice Stress Detection system. Avsapro utilises Artificial Intelligence and Neural Networking technologies to process and score verbal responses provided by the examinee, in a scientifically validated question construct.

When used together with validated question constructs, sound training, adherence to rigid testing protocols, Avsapro delivers results that are reliable and trustworthy.

## **ISSUE UNDER EXAMINATION**

The examinee was administered a Truth Verification Test connection with:

A passenger for JetAir on 12-09-2019 reported that jewellery items had been stolen out of his checked luggage.

## **EXAMINATION QUESTIONS**

The IZCT Question Construct utilised consist of twelve questions maximum, comprised of Relevant Questions (RQ), Comparison Questions (QC) and Neutral Questions (N). Only the Relevant Questions are reported upon.

The following RQ's were put to the Examinee for response:

RQ Q5 Did you remove any jewellery from passenger baggage on 12<sup>th</sup> Sept 2019

Response: NO

**NO DECEPTION INDICATED**

RQ Q8 Were you involved in stealing jewellery from passenger baggage on

12<sup>th</sup> sept

Response: NO

**NO DECEPTION INDICATED**

RQ Q11 Dykfs who stole jewellery from passenger baggage on 12<sup>th</sup> Sept 2019

Response: NO

**NO DECEPTION INDICATED**

The Examinee produced verbal responses of NO to the above questions.

Deviations: NO DEVIATIONS NOTED

## **RESULTS**

Avsapro and the Administering Examiner scored the Relevant Questions as questions follows:

RQ5: No Deception Indicated

RQ8: No Deception Indicated

RQ11: No Deception Indicated

## **CONCLUSION**

The Examinee answered truthfully to all above questions asked and may be excluded from further investigation into the missing jewellery

Yours Faithfully

Clifton Coetzee

Who certifies that he/she has undergone DOD training provided by or accredited by Avsapro Global (Pty) Ltd or LieTec(Pty) Ltd and is a member of the South African Polygraph & Voicestress Association ([www.SAPAVSA.co.za](http://www.SAPAVSA.co.za)) and possesses the relevant training certification issued by Avsapro Global/LieTec.