

Lie detector tests at airports are coming

5th November, 2018



Airports will soon add a new layer to their security procedures. Several airports in Europe will start giving lie detector tests to passengers. Special lie detector machines will use artificial intelligence to test travellers. The

lie detector machines are backed by a European Union project called i-BorderControl. The first machines will be at border checkpoints in Hungary, Greece and Latvia. Airports in these countries will carry out trials on the lie detector machines this month. Travellers from outside the European Union will have to take the test. They will look into a webcam and answer questions from a computer-animated immigration official. The computer-generated animation will change to match the race and language of the traveller.

A European Union spokesperson said the virtual border guard will scan passengers' faces and analyze their micro-expressions. They will use these expressions to find out if the passenger might be lying. A human security guard will take over if the lie-detecting software detects a security risk. The procedure will initially divide passengers into two types. Low-risk travellers will be asked basic information in the lie-detection process, while higher-risk passengers will get more detailed questions. A psychology expert doubted if the system would work. He said: "If you ask people to lie, they will do it differently and show very different behavioural cues than if they truly lie....This is a known problem in psychology."

Sources: *usatoday.com* / *pcmag.com* / *theguardian.co*

Writing

Lie detector machines would make air travel and airports a lot more secure. Discuss.

Chat

Talk about these words from the article.

airports / security / passengers / project / border / checkpoints / machines / test / virtual / expressions / human / guard / risk / information / process / psychology

True / False

- a) All European airports will soon introduce lie detector tests. T / F
- b) The lie detector machines will use artificial intelligence. T / F
- c) Trials on the lie detector machines finished last month. T / F
- d) The lie detectors will have an animation of a blonde-haired official. T / F
- e) The lie detector will analyze micro-expressions on passenger's faces. T / F
- f) The lie detector process splits passengers into two kinds of risk. T / F
- g) Higher risk passengers would be asked less detailed questions. T / F
- h) A psychology expert suggested the lie detector might not work. T / F

Synonym Match

(The words in **bold** are from the news article.)

- | | |
|------------------------|-------------------|
| 1. layer | a. officer |
| 2. procedures | b. at first |
| 3. carry out | c. go with |
| 4. official | d. examine |
| 5. match | e. level |
| 6. spokesperson | f. conduct |
| 7. analyze | g. mistrusted |
| 8. initially | h. system |
| 9. doubted | i. signals |
| 10. cues | j. representative |

Discussion – Student A

- a) What do you think of airport security?
- b) How much more secure will airports be with lie detector tests?
- c) When was the last time you told a lie?
- d) Do you think you could fool a lie detector test?
- e) What is the biggest lie you have told?
- f) Should lie detector tests be used in other places?
- g) How would you feel about taking a lie detector test?
- h) How bad is lying?

Phrase Match

- | | |
|--------------------------------------|--------------------|
| 1. add a new layer to their security | a. faces |
| 2. giving lie detector tests | b. checkpoints |
| 3. artificial | c. psychology |
| 4. border | d. intelligence |
| 5. a computer-animated immigration | e. risk passengers |
| 6. scan passengers' | f. risk |
| 7. analyze their micro- | g. procedures |
| 8. a security | h. official |
| 9. higher- | i. expressions |
| 10. This is a known problem in | j. to passengers |

Discussion – Student B

- What do you think about what you read?
- What do you know about lie detector tests?
- What is the best kind of airport security?
- Do you think it's OK to tell white lies?
- Who do you think "high-risk" passengers are?
- What do you think of liars?
- Would you like to see lie detectors used in airports?
- What questions would you like to ask airport officials?

Spelling

- a new layer to their security depurecrso
- icfitarlai intelligence
- backed by a European Union cojtepr
- drorbe checkpoints
- imgtmianro official
- computer-generated tnaoimani
- the vturila border guard
- They will use these osiexnsper
- a ecystrui risk
- in the lie-detection osecrps
- eotddbu if the system would work
- a known problem in ghopyoscy

Answers – Synonym Match

1. e	2. h	3. f	4. a	5. c
6. j	7. d	8. b	9. g	10. i

Role Play

Role A – Yourself

You think the worst person to lie to is yourself. Tell the others three reasons why. Tell them why it isn't as bad to lie to their people. Also, tell the others who it is most OK to lie to of these (and why): a doctor, a police officer or your husband/wife.

Role B – A Doctor

You think the worst person to lie to is a doctor. Tell the others three reasons why. Tell them why it isn't as bad to lie to their people. Also, tell the others who it is most OK to lie to of these (and why): yourself, a police officer or your husband/wife.

Role C – A Police Officer

You think the worst person to lie to is a police officer. Tell the others three reasons why. Tell them why it isn't as bad to lie to their people. Also, tell the others who it is most OK to lie to of these (and why): a doctor, yourself or your husband/wife.

Role D – Your Husband/Wife

You think the worst person to lie to is your husband/wife. Tell the others three reasons why. Tell them why it isn't as bad to lie to their people. Also, tell the others who it is most OK to lie to of these (and why): a doctor, a police officer or yourself.

Speaking – Lies

Rank these with your partner. Put the worst people to lie to at the top. Change partners often and share your rankings.

- | | |
|------------------|----------------|
| • police | • yourself |
| • teachers | • doctors |
| • husband/wife | • parents |
| • a lie detector | • best friends |

Answers – True False

a	F	b	T	c	F	d	F	e	T	f	T	g	F	h	T
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Answers to Phrase Match and Spelling are in the text.