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**UNITED REPUBLIC OF TANZANIA**  
**TANZANIA CIVIL AVIATION AUTHORITY**  
Aeronautical Information Services  
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**AIC**

**03/08**  
**(Pink 44)**  
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*The following circular is promulgated for information, guidance and necessary action*

*Margaret T. Munyagi*  
**Director General**

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### **WAKE VORTEX REPORTING SCHEME IN TANZANIA**

The entering into service of Airbus 380-800 has created wake turbulence concerns that have now necessitated an overall review of wake turbulence provisions. This includes the current wake turbulence categorization scheme in the Procedures for Air Navigational Services - Air Traffic Management (PANS – ATM Doc 4444) whose review is to be undertaken.

In order to provide a sound basis for any necessary amendment to these provisions, there is a need for the collection and analysis of information on wake vortex encounter by all aircraft types on a worldwide basis. To this end reporting forms have been developed for data collection purposes, (Form A – Wake Vortex Reporting Form for Pilots and Form B - Wake Vortex Reporting Form for Air Navigation Service Providers) as attached.

This Circular is intended to provide guidance to pilots, Air Navigation Service Providers and aircraft operators on modalities of participating in the scheme.

Pilots who experience wake vortex encounters and Air Navigation Service Providers or aircraft operators who are informed of such occurrences within Dar es Salaam FIR should fill out the relevant reporting forms and submit them by post, e-mail or fax to the Director General, Tanzania Civil Aviation Authority, who will in turn send the reports to ICAO.

The same forms are available on the TCAA website **www: [tcaa.go.tz](http://tcaa.go.tz)** and at all ATS units.

In the interest of safety, all stakeholders are urged to participate fully in the scheme as soon as practicable after receiving this Circular.

**END**

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**Attachment A to AIC 03/2008**

**TANZANIA CIVIL AVIATION AUTHORITY  
WAKE VORTEX ENCOUNTER REPORTING FORM FOR PILOTS**

Date and Time	Date of incident	
	Time (UTC)	
Aircraft Type	Make	
	Model	
	Series	
Altitude	Height	<input type="checkbox"/> m or <input type="checkbox"/> ft
	Altitude	<input type="checkbox"/> m or <input type="checkbox"/> ft
	Flight level	
Geographic Position	Location	
	State	
	Airport	
	Runway	<input type="checkbox"/> L <input type="checkbox"/> C <input type="checkbox"/> R
Details	Phase of flight	<input type="checkbox"/> take-off <input type="checkbox"/> initial climb <input type="checkbox"/> climb <input type="checkbox"/> cruise <input type="checkbox"/> descent <input type="checkbox"/> holding <input type="checkbox"/> approach <input type="checkbox"/> final <input type="checkbox"/> touch-down <input type="checkbox"/> taxiing <input type="checkbox"/> other
	Were you turning?	<input type="checkbox"/> yes <input type="checkbox"/> no <input type="checkbox"/> L <input type="checkbox"/> R
	Which holding pattern were you in, if any?	
	Were you:	<input type="checkbox"/> high <input type="checkbox"/> low <input type="checkbox"/> on the glide path
	Were you	<input type="checkbox"/> left of <input type="checkbox"/> right of <input type="checkbox"/> on the centre-line
	Weight	kg
	IAS	kts
	Heading	degrees
Other	What led you to suspect wake vortex as the cause of the disturbance?	
Did you experience vertical acceleration?	<input type="checkbox"/> yes <input type="checkbox"/> no	Please describe:
What was the change in attitude? Please	Pitch:	
	Roll:	

estimate angle.	Yaw:
Was there any change in altitude?	<input type="checkbox"/> yes Please describe: <input type="checkbox"/> no <input type="checkbox"/> n/a
Was there buffeting?	<input type="checkbox"/> yes <input type="checkbox"/> no <input type="checkbox"/> n/a
Was there stall warning?	<input type="checkbox"/> yes <input type="checkbox"/> no <input type="checkbox"/> n/a
Was the autopilot engaged?	<input type="checkbox"/> yes <input type="checkbox"/> no <input type="checkbox"/> n/a
What control action was taken?	<input type="checkbox"/> none <input type="checkbox"/> go-around <input type="checkbox"/> runway change <input type="checkbox"/> other  Please describe briefly:
Could you see the aircraft suspected of generating the wake vortex?	<input type="checkbox"/> yes <input type="checkbox"/> no <input type="checkbox"/> n/a
If yes, what was it?	Make - Model - Series -
Where was it relative to your position?	Separation distance:  clock reference:
Were you aware of the preceding aircraft type before the encounter?	<input type="checkbox"/> yes <input type="checkbox"/> no <input type="checkbox"/> n/a

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**Attachment B** to AIC03/2008

**TANZANIA CIVIL AVIATION AUTHORITY  
WAKE VORTEX ENCOUNTER REPORTING FORM FOR AIR NAVIGATION  
SERVICE PROVIDERS (ANSPs)**

**When in receipt of a pilot reported wake encounter, please attempt to collect the following information:**

Date and Time	Date of incident	
	Time (UTC)	
Encountering Aircraft Type	Make	
	Model	
	Series	
	Phase of flight	<input type="checkbox"/> take-off <input type="checkbox"/> initial climb <input type="checkbox"/> climb <input type="checkbox"/> cruise <input type="checkbox"/> descent <input type="checkbox"/> holding <input type="checkbox"/> approach <input type="checkbox"/> final <input type="checkbox"/> touch-down <input type="checkbox"/> taxiing <input type="checkbox"/> other
	Runway	<input type="checkbox"/> L <input type="checkbox"/> C <input type="checkbox"/> R
Generating Aircraft Type	Make	
	Model	
	Series	
	Phase of flight	<input type="checkbox"/> take-off <input type="checkbox"/> initial climb <input type="checkbox"/> climb <input type="checkbox"/> cruise <input type="checkbox"/> descent <input type="checkbox"/> holding <input type="checkbox"/> approach <input type="checkbox"/> final <input type="checkbox"/> touch-down <input type="checkbox"/> other
	Runway	<input type="checkbox"/> L <input type="checkbox"/> C <input type="checkbox"/> R
Location	Location	
	State	
	Airport	
Spacing between	Vertical	
	Horizontal	

aircraft	Any additional - 2 -information related to the encounter	
Weather	Wind	
	Visibility	
	Cloud	
	Temp	
	Dew Point	

— END —