



International Civil Aviation Organization

MIDANPIRG/21 & RASG-MID/11 Meetings

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INFORMATION PAPER



الهيئة العامة للطيران المدني والأرصاد
CIVIL AVIATION & METEOROLOGY AUTHORITY

SAFETY MEASURES OVER THE RED SEA

Presented by Air Nav. Dept. CAMA Aden





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MAIN OUTLINES

- Introduction
- Restricted Area
- Affected the operation
- Routing \level restrictions
- Contingency Routes
- Conclusion





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INTRODUCTION:

Safety measures are established over the Red Sea due to the current vague situation to ensure safe and secure operation.



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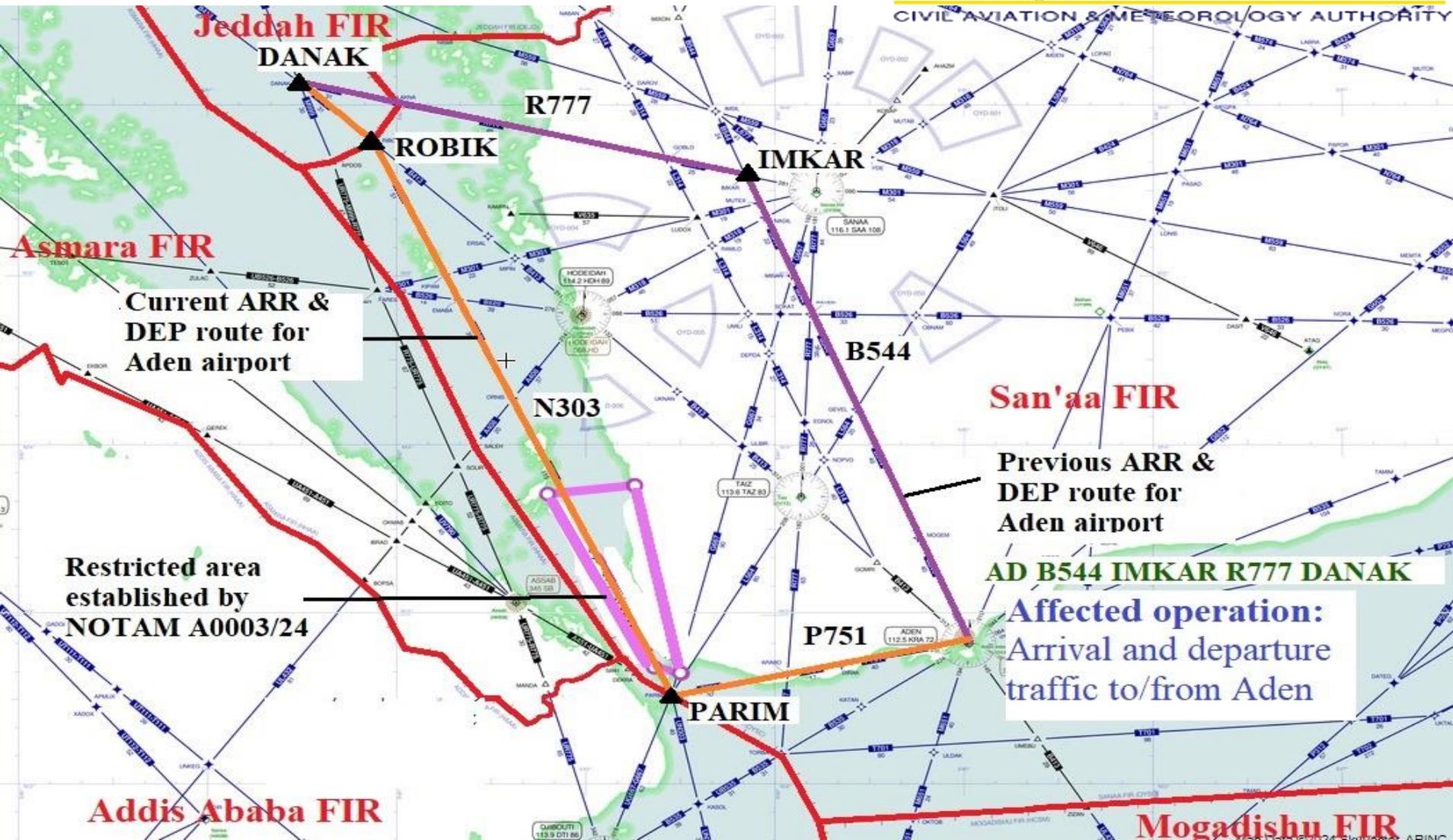
RESTRICTED AREA :

Due to vague situation over the red sea, which affected the traffic particularly arrival and departure traffic to\from Aden intl. airport, a temporary restricted area designated as (OYR60) has been established by (A0003/24) NOTAMN to ensure the safety of civil aircraft operating in that area.

AFFECTED OPERATION OF TRAFFIC TO/FROM ADEN



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ROUTING AND LEVEL RETRACTIONS UNDER CIRCULAR NO. 1



- All north-west departing flight from Aden intl. airport shall route via p751 and shall cross position PARIM at or above FL300, then follow ATC instructions.
- All north-west arriving flight to Aden intl. airport shall route via N303 and shall not descend below FL310 till passing position PARIM, then follow ATC instructions.



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PROACTIVE MEASURES:

Proactive measures are in place for safe continuation of air traffic when circumstances require, which include contingency routings that are considered secure and safe routes in the eastern part of Aden. Comparison between contingency routes and existing routes are shown hereunder.

ADEN JEDDAH RED SEA EXISTING ROUTE

(N303) 720NM



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Flight

New Flight Save Import

OYAA SID
OEJN STAR

Nav aids, Waypoints, Airways

KRA P751 PARIM N303 RIBOK
B413 DANAK M999 JDW
BOSU1L RW34L

ALTERNATES
OEMA OETF

DISTANCE 702 NM
Dropped Points

+ Additional Route



ADEN JEDDAH EASTERN CONTINGENCY ROUTE(G652) 1072NM



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Flight

New Flight

OYAA

OEJN

Nav aids, Waypoints, Airways

KRA G652 GIBAX P753 PADUR
 Q615 ASKET T530 EGREN
 L425 WDR L425 AMBAL Q11
 JDW

TAP TO ENTER ALTERNATES

DISTANCE 1072 NM

Additional Route



ADEN CAIRO RED SEA EXISTING ROUTE (N303) 1365NM



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Flight

New Flight

OYAA

HECA

ROUTE 1

KRA P751 PARIM N303 RIBOK
 B413 DANAK M999 JDW L677
 CVO

ALTERNATES

HEBA

DISTANCE 1365 NM

ROUTE 2 1281 NM
 OYAA HECA

Additional Route



ADEN CAIRO EASTERN CONTINGENCY ROUTE (G652) 1735NM



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Flight

New Flight

OYAA HECA

Nav aids, Waypoints, Airways

KRA G652 GIBAX P753 PADUR
Q615 ASKET T530 EGREN
L425 WDR L425 AMBAL Q11
JDW L677 CVO

TAP TO ENTER ALTERNATES

DISTANCE 1735 NM

Additional Route



ATS RESPONSIBILITIES



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Tactical action may be taken by ATS to re-clear aircraft on contingency routes, when necessary, along with all required procedures if coordination being affected with concerned authorities.

Chicago Convention touches on the issue of safety, annex 11, para (2.26.4) States;

"States shall identify actual and potential hazards and determine the need for remedial action, ensure that remedial action necessary to maintain an acceptable level of safety is implemented".



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International Standards
and Recommended Practices

Annex 11 to the Convention on International Civil Aviation

Air Traffic Services

Air Traffic Control Service
Flight Information Service
Alerting Service

Fourteenth Edition, July 2016

This edition supersedes, on 10 November 2016, all previous editions of Annex 11.

For information regarding the applicability of the Standards and Recommended Practices, see Foreword.

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Doc 10084 indicates: (1)“The need for the operator to ensure that the intended route from aerodrome of departure to aerodrome of arrival — including the intended take-off, destination and en-route alternate aerodrome(s) — can be safely used for the planned operation. Coordination of activities potentially hazardous to civil aircraft”.



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Doc 10084

Risk Assessment Manual for Civil Aircraft
Operations Over or Near Conflict Zones

Second Edition, 2018



Approved by and published under the authority of the Secretary General

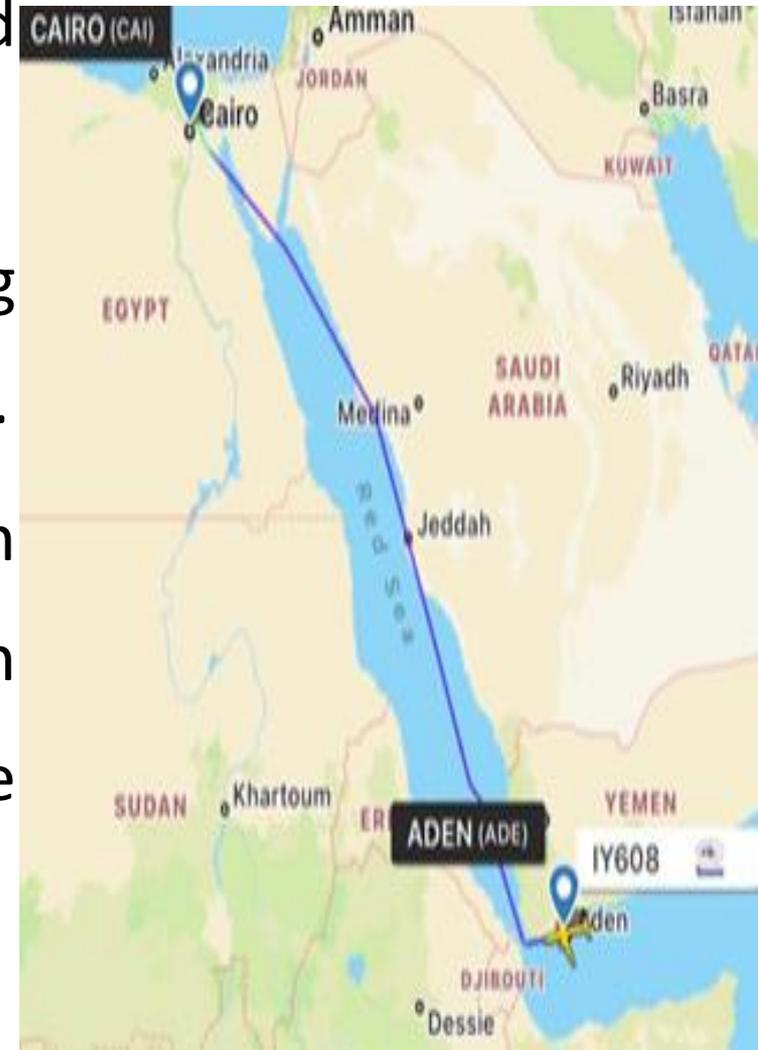
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CONCLUSION:



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- The state identified the restricted area.
- Circular No. 1 was issued for routing and level restriction over the red sea.
- All arriving and departing traffic from Aden intl. airport, resumed operation via (existing routing) UN303 over the red sea.





Thank
You!