

STATE OF LIBYA
MINISTRY OF TRANSPORT
CIVIL AVIATION AUTHORITY



دولة ليبيا
وزارة المواصلات
مصلحة الطيران المدني

<p>Contacts info@caa.gov.ly std@caa.gov.ly fsd@caa.gov.ly Tele / fax +218 21 3605318 /22 +218 21 3605318</p>	<p>ADVISORY CIRCULAR (AC) LYCAA – AC - PEL 021</p>	<p>ISSUED ON 18 / 06 / 2020 REVISION: 00</p>
---	--	--

ADVISORY CIRCULAR LYCAA – AC – PEL- 021
Guidelines for Exemptions in regard of Flight Crew Recency

Approved by



Capt / Nasereddin Shaebelain

Published by Libyan Civil Aviation Authority (LYCAA)

1. Subject:

Handling exemptions to flight crew recent experience requirements in the field of commercial air transport operations in accordance with point **ORO.FC.100 (part-ORO)** to air operations regulation and point FCL.060 (Part-FCL) to air crew regulation

Note This AC is based on EASA Guidelines publication

2. Purpose:

- The purpose of this document is to provide guidelines to be considered by Libyan Civil Aviation Authority when granting exemptions from pilot's recent experience requirements under Air crew and Air operations regulations during the current COVID-19 outbreak.
- Based on these guidelines, LYCAA may grant exemptions to individual operators of aeroplanes in multi pilot operations in commercial air transport (CAT) to allow the assignment of flight duties to flight crew members (pilots) who are not in compliance with the required recent experience as per point FCL.060 of (Part-FCL) Air crew Regulations.
- The cessation or significant reductions of continuous commercial air transport operations as well as the inaccessibility of FSTDs, both as a result of the lockdown and the travel restrictions following the COVID-19 outbreak, are leading to a large number of pilots not meeting the 90-day recency requirement.
- The guidelines proposed in this document provide mitigation measures that cater for a variety of scenarios to enable LYCAA to grant exemptions to operators whose pilots are not able to meet the recent experience requirements.

3. Scope of exemptions

- 3.1. The requirements from which exemptions are granted are the following:
 - a) Air operations regulation ORO.FC.100(c);
 - b) Air crew regulations FCL.060.
 - While requirements of both Regulation (aircrew) and Regulation (air operations) are affected, the scenarios for possible exemptions including associated mitigation measures, as presented in this guidance document, are designed to fully focus on organizations involved in CAT operations only, as explained in point 1 above. Hence, LYCAA should grant such exemptions only to CAT operators on an individual basis, provided that the CAT operator has established mitigation measures that consider the content and the relevant cases of the Table in Section 6 of this document. An exemption granted by LYCAA to an operator under its oversight should be applied to all pilots who work for that operator. On the contrary, no exemption should be granted directly to individual pilots.
- 3.2. When applying granting an exemption the LYCAA should specify all of the following:
 - a) The period of the exemption which, while referring to the duration of the COVID-19 outbreak in Libya, should in any case not exceed the period granted in LYCAA-IN 2020-02;
 - b) The particular provisions of points (b) and (c) of point FCL.060 of Part-FCL from which exemptions are being granted.
- 3.3. The exemption should allow operators to temporarily assign flight crew member tasks to pilots who are not meeting all recent experience requirements, as necessary. The exemptions can be granted through one or a combination of both of the following:

- a) A reduction of the number of required take-offs, approaches and landings specified in point FCL.060; or
- b) An extension of the applicable time period specified in point FCL.060.

4. Risk assessment

- 4.1. Regarding an exemption from point FCL.060, one single strategy is not suitable for all CAT operators. For this reason, LYCAA is expected to limit the applicability of the exemption to operators that have demonstrated both the need for such an exemption and the setup of adequate mitigation measures.
- 4.2. The operator should develop a risk assessment that should include at least all of the following tasks:
 - a) determine the probability and potential severity of the crew competency deterioration related to the extended absence from flying duties;
 - b) provide appropriate mitigation measures to reduce the risks identified as far as possible;
 - c) consider the cumulative effective of other relevant exemptions/alleviations and the operator's overall performance (e.g. maturity of the management system, training standards, etc.).
- 4.3. The LYCAA should evaluate this risk assessment before issuing the exemption.

5. General assumptions

- 5.1. Crew competency
 - a) Among several skills and competences, flight crew members must maintain all of the following:
 - i Ability to perform normal, abnormal and emergency procedures;
 - ii Manual flying skills.
 - b) In case of point (a) (i) above, the relevant competence is ensured either by the normal operator or license proficiency check for 6 months or, as a temporary mitigation measure, by the refresher training and the assessment for extended class or type rating validity, as described in the LYCAA-OPS Information Notice (IN 2020/02 Issue 02 dated 01/06/2020).
 - c) In case of point (a)(ii) above, the flying skills/techniques are retained by operating at the flight controls during take-offs, approaches and landings either in an aeroplane or in a flight simulation training device (FSTD) qualified in accordance with an applicable primary reference document (PRD), such as CS-FSTD(A) or JAR-STD(A). In this context, the most suitable FSTD is the full flight simulator (FFS) having the highest level of fidelity for achieving the take-off, approach and landing training objectives. Exceptionally, the LYCAA may also accept:
 - i FFS qualified by a third country having similar FSTD technical specification as the European PRDs;
 - ii FSTDs other than FFS having at least: type-specific flight deck layout and structure, flight model, ground reaction and handling characteristics, and flight controls and forces, as appropriate; provided negative transfer of training is avoided.
- 5.2. Crew composition

The crew composition should be also be taken into consideration as follows:

 - a) Extensions could be longer when one flight crew member is either holding a TRI or TRE certificate or is nominated as a Line supervisor¹. It should be noted that line

supervisors are more exposed to operations with inexperienced pilots (on the type) on the aeroplane, compared to TRIs or TREs who spend most of their time in FSTDs.

- b) Exemptions could be issued when flight crew members are meeting some but not all of the recency requirements. In these cases, the operator should establish appropriate mitigation measures.
- c) LYCAA should not grant exemptions if both flight crew members have not carried out any flight in the preceding 90 days.

6. Specific guidelines (Focus areas for the authority)

- 6.1. LYCAA should assess both the individual pilot's recency and their combination in the multi-crew operation environment.
- 6.2. The guidelines in Section 7 of this document include examples of mitigation measures which should be considered as sufficient justification for the proposed exemptions.
- 6.3. Definitions for Section 7 of this document:
 - a) Not recent: The pilot has carried out, as pilot flying, no take-offs, approaches and landings in the preceding 90 days.
 - b) Partially recent: The pilot has carried out, as pilot flying, at least:
 - 2 take-offs, approaches and landings in the preceding 90 days, or
 - 1 take-off, approach and landing in the last 30 days.
 - c) Recent: The pilot fully complies with point FCL.060.
 - d) Restricted operations: One or more operational restrictions valid for the complete flight crew to reduce their exposure to demanding situations. For example: reducing maximum crosswind limits, introducing higher approach minima, restricting runway surface conditions, dispatching with a functioning auto land system (if installed) or any other measure deemed appropriate.
 - e) Line supervisor: A flight crew member specifically nominated and trained for the task of the commander in line flights under supervision (LIFUS) in the context of points ORO.FC.220 and ORO.FC.2302 –usually referred to as 'LTC'.
 - f) TRI: Type Rating Instructor with privileges to conduct line flying under supervision or landing training.

7. Handling of Recency issues related to Point FCL.060 of Part-FCL (See table (1))

Table (1)

Point FCL.060 of Part-FCL	90 Days	120 Days	150 Days	180 Days
(b)(1) (3 take-offs, approaches and landings within preceding 90 days)	Pilot 1 RECENT Pilot 2 PARTIALLY RECENT case# 1 Mitigation measures – Restricted operation or 3 take-offs, approaches and landings in an FSTD having at least type-specific flight deck layout and structure, flight model, ground reaction and handling characteristics, and flight controls and forces.			
	Pilot 1 RECENT & commander of the flight Pilot 2 PARTIALLY RECENT case # 2 Mitigation measures: – The commander shall perform first take-off, approach and landing – Restricted operation or 3 take-offs, approaches and landings in an FSTD having at least type-specific flight deck layout and structure, flight model, ground reaction and handling characteristics, and flight controls and forces.			
(b)(2)(ii) (PIC at night with IR rating)	As per validity of the extended IR rating Note: No extension is recommended from point (b)(2)(i) of point FCL.060	case # 3		
(b)(3)(ii) (at least 3 sectors as cruise relief co-pilot)	Relief Pilot: NOT RECENT case # 4 Mitigation measures: – At least 1 sector as a cruise relief pilot on the same type or class of aircraft if the other operating flight crew has the recency and he/she is not inexperienced as per AMC1 ORO.FC.200(a)(a)			
(c)(1) CAT: Extension of the 90-day period to the max. 120 days when flying under the supervision of a TRI or TRE	Pilot 1 NOT RECENT Pilot 2 RECENT & TRI			
	Pilot 1 NOT RECENT Pilot 2 RECENT & TRI case # 5 Mitigation measures: – Restricted operation			
	Pilot 1 PARTIALLY RECENT Pilot 2 PARTIALLY RECENT & TRI or RECENT LTC case # 6 Mitigation measures: – Restricted operation			
	Pilot 1 NOT RECENT Pilot 2 PARTIALLY RECENT & TRI or RECENT LTC case # 7 Mitigation measures: – Restricted operation			

8. Information

For the purpose of notification of exemptions, all operators are expected to notify LYCAA of the granted exemptions through **FSD@CAA.GOV.LY**, as time permits.

9. Other applicability

The Libyan Civil Aviation Authority may use these Guidelines with the necessary adaptations.

Annex - Examples

A.1 Example of a progressive change of the recency status (pairing options)

NOT RECENT PILOT paired with...			
90 days	120 days	150 days	180 days
Recent LTC C#7	Recent LTC C#7	Recent TRI C#5	Recent TRI C# 5
Partially recent TRI C#7	Partially recent TRI C#7		
	Recent TRI FCL.060		
PARTIALLY RECENT PILOT paired with...			
90 days	120 days	150 days	180 days
Any recent pilot C#1	Commander with recency C#2	Recent LTC C#6	Recent TRI C# 5
	Recent LTC C#6	Partially recent TRI C#6	
	Partially recent TRI C#6	Recent TRI C#5	
	Recent TRI FCL.060		

A.2 Example of a process for granting ORO.FC.100 & FCL.060 exemptions

Phase #	Operator	LYCAA
1 Notification		Inform all operators of the possibility to grant temporary exemptions from FCL.060 on a case-by-case basis to individual operators, only when the operator demonstrates that it has established mitigation measures in case of pilots who cannot meet the applicable requirements
2 Risk management	<p>Develop a risk assessment to determine the probability and potential severity of the crew competency deterioration due to extended absence from flying duties. Significant aspects, such as the ones below, should be addressed in the risk assessment and risk mitigation process:</p> <ol style="list-style-type: none"> 1) cumulative effects of other relevant exemptions/alleviations; 2) crew composition (pairing pilots); 3) incapacitation of the most recent pilot 	
3 Submission of exemption request	Submit a request for exemptions providing appropriate mitigation measures for the various flight crew recency cases	
4 Evaluation		Evaluate the operator's risk assessment process
		Ensure that the operator has a system in place to monitor the pilots' recency status
		Assess the adequacy of the proposed mitigation measures and, if needed, ask for additional measures
		Grant exemptions only when no other solutions are available (e.g. FSTD is not available)

Phase #	Operator	LYCAA
5 Preparation	Notify flight crew members, rostering personnel and operations supervisors/dispatchers regarding the Exemptions granted and the mitigation measures established (e.g. reduced crosswind limitations, etc.). The mitigation measures shall be implemented before each flight	
6 Implementation	Plan and perform flights For the duration of application of this exemption, keep records of the flights where pilots subject to this exemptions were involved	
	Update the pilot's recency status. Pilots are progressively gain their recency when flying as PF	
7 Follow-up	Follow up of the risk assessment to evaluate the effectiveness of the mitigation measures	
8 Oversight		Monitor the proper implementation of the granted exemption