



RUSSIAN FEDERATION
MINISTRY OF TRANSPORT OF THE RUSSIAN FEDERATION
FEDERAL AIR TRANSPORT AGENCY

AIRWORTHINESS DIRECTIVE

09 July 2026

No. 2026-МИ-8,171-05

Applicability Mi-8MTV-1, Mi-8AMT, Mi-171, Mi-172, Mi-171A, Mi-171A2, Mi-171A3
type Helicopters and their Modifications
State of Designer – Russian Federation

The corrective actions listed in this Airworthiness Directive are mandatory. No operator may operate an aircraft covered by this Airworthiness Directive except in accordance with the requirements of this Directive.

Based on Technical Solutions of Helicopters Mil and Kamov, JSC No. HЦБ-КБ-1.2-ЗЧУ(2ПУ)-2026 dated 04.06.2026, No. HЦБ-КБ-1.2-ЗЧУ(3ПУ)-2026 dated 26.06.2026 on identifying pre-failure condition in operation of directional control bellcrank 184.5104.021 as part of assembly unit 184.5104.020 with bushings and bearings, when applying in order to ensure safe flight and keep airworthiness of civil Mi-8 helicopters in the Russian Federation

WE REQUIRE:

Organizations operating and providing maintenance of Mi-8MTV-1, Mi-8AMT, Mi-171, Mi-172, Mi-171A, Mi-171A2, Mi-171A3 type helicopters:

1. To remove directional control bellcrank assemblies 184.5104.021 of batch no. H₃06, H₃10, H₃15, H₃18, H₃19, H₃22, H₃23, H₃26, H₃27, H₃29, H₃30, H₃32, H₃35, H₃37, H₃41, H₃44, H₃47, H₃48, H₃50 from operation and forward to Helicopters Mil and Kamov, JSC for investigation. Install the bellcranks of the first category in their place.

2. To inspect the condition of directional control bellcranks 184.5104.021 every 25±5 flight hours as per the Technical Solution No. HЦБ-КБ-1.2-ЗЧУ(2ПУ)-2026 dated 04.06.2026.

3. If there are no remarks on the results of execution of paragraph 2 of the Airworthiness Directive, continue operating the helicopters. The information on execution of paragraph 2 of the Airworthiness Directive should be forwarded to Helicopters Mil and Kamov, JSC (e-mail: info@nhcmk.ru).

4. This Directive repeals the Airworthiness Directive No. 2026-МИ-8, 171-03 dated 19.06.2026, becomes effective on 16.07.2026 and terminates after issuing another Airworthiness Directive or resolution from Helicopters Mil and Kamov, JSC in accordance with the established procedure.

Attachment: 1. Technical Solution dated 04.06.2026 No. HЦБ-КБ-1.2-ЗЧУ(2ПУ)-2026,
4 pages;
2. Technical Solution dated 26.06.2026 No. HЦБ-КБ-1.2-ЗЧУ(3ПУ)-2026,
2 pages.

Federal Air Transport Agency
Deputy Manager

S.M. Stramous

TECHNICAL SOLUTION No. HCB-KB-1.2-3ЧУ(2ПУ)-2026

on inspecting directional control bellcrank 184.5104.021 in Mi-8, Mi-8MTV-1, Mi-17, Mi-17-1V, Mi-172, Mi-8AMT, Mi-171, Mi-171E, Mi-171A, Mi-171A2, Mi-171A3 type helicopters and their modifications, operated in Russian and foreign civil aviation.

Based on the information, provided to Helicopters Mil and Kamov, JSC with respect to the aviation incident, occurred to Mi-171 helicopter, registration number OB-2019P, operated by Helisur aviation company, Peru (deterioration of directional control bellcrank 184.5104.021 during flight), in order to ensure safe flight for the fleet of Mi-8, Mi-8MTV-1, Mi-17, Mi-17-1V, Mi-172, Mi-8AMT, Mi-171, Mi-171E, Mi-171A, Mi-171A2, Mi-171A3 type helicopters and their modifications the following

SOLUTION is made:

1. For organizations operating the helicopters to perform an inspection every 25 ± 5 flight hours of the **condition of the directional control bellcrank 184.5104.021 (Fig.1) for cracks, cracked surface or damaged paint and varnish coating as well as dents.**

184.5104.021

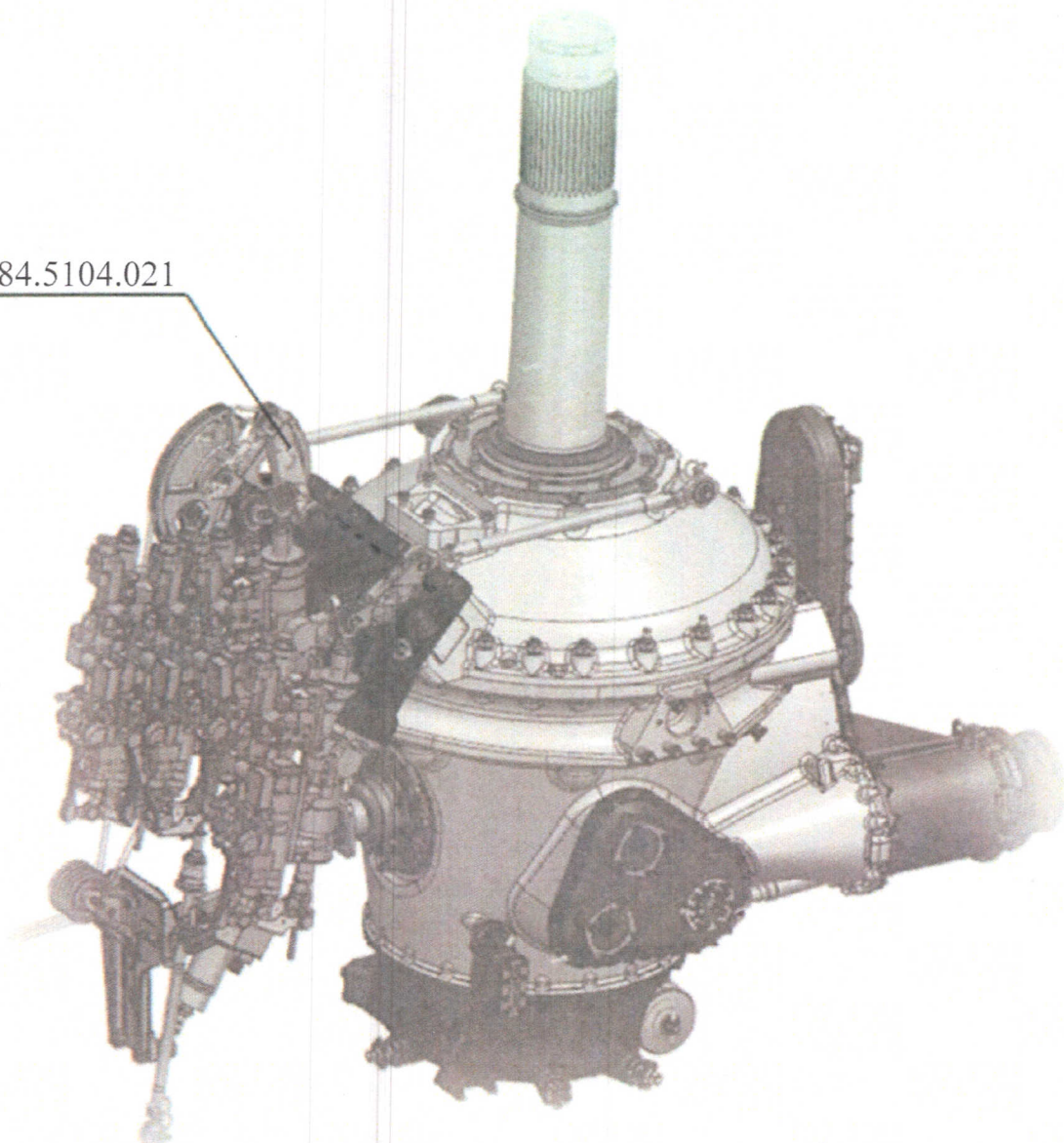


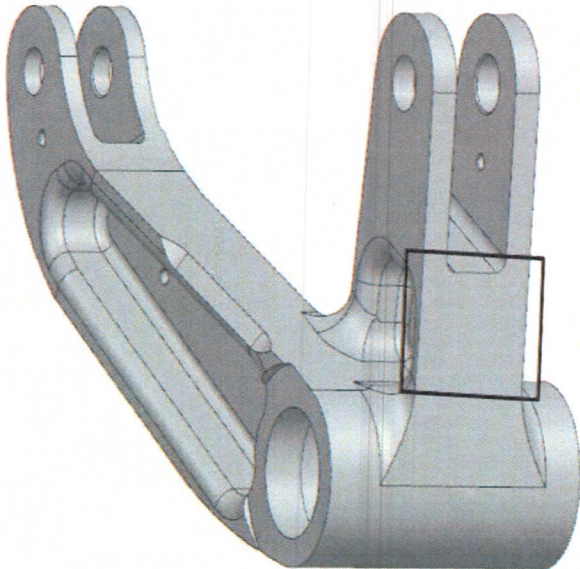
Fig.1 – Directional control bellcrank 184.5104.021 position.

2. To perform the procedures in accordance with TC No. 201 HЦБ-КБ-1.2-3ЧУ(2ПУ)-2026 for all helicopter types.
3. If there are no remarks, continue operating the helicopters.
4. To forward information on the results of execution to Helicopters Mil and Kamov, JSC via e-mail: info@nhcmk.ru.
5. To perform the procedures as per Technical Solution No. HЦБ-КБ-1.2-3ЧУ(2ПУ)-2026 until a specific Technical Solution is issued based on the results of investigation of the aviation incident occurred to Mi-171 helicopter, registration number OB-2019P, operated by Helisur aviation company, Peru.

Attachment: TC No. 201 HЦБ-КБ-1.2-3ЧУ(2ПУ)-2026, 1 page

Chief Designer for Aftersales Support

A.M. Soldatov

TP №HQБ-КБ-1.2-3ЧУ(2ПУ)-2026	TASK CARD No.201	1 page
065.40.00	Procedure: Inspecting Directional Control Bellcrank 184.5104.021	Manhours 1,5
Operations and Technical Requirements (TR)		Corrective Actions
1. Place stepladder, open the cowl doors of engine, gearbox, APU sections, unscrew attachment bolts and remove upper cowls of the gearbox section. 2. Using a spherical mirror or sevenfold magnifying glass inspect Directional Control Bellcrank 184.5104.021 in the actuating portion of control system. Wipe the area to be inspected with a cloth moistened in gasoline. Check the factory marking. Cracks and dents on the bellcrank are not tolerated. If paint and varnish coating is damaged (cracked surface) in the areas marked in Fig.1 and Fig.2, remove the bellcrank from operation and notify Helicopters Mil and Kamov, JSC		When the bellcrank defects are detected, remove the bellcrank from operation, take the supporting photos and notify Helicopters Mil and Kamov, JSC.
		
Fig.1		

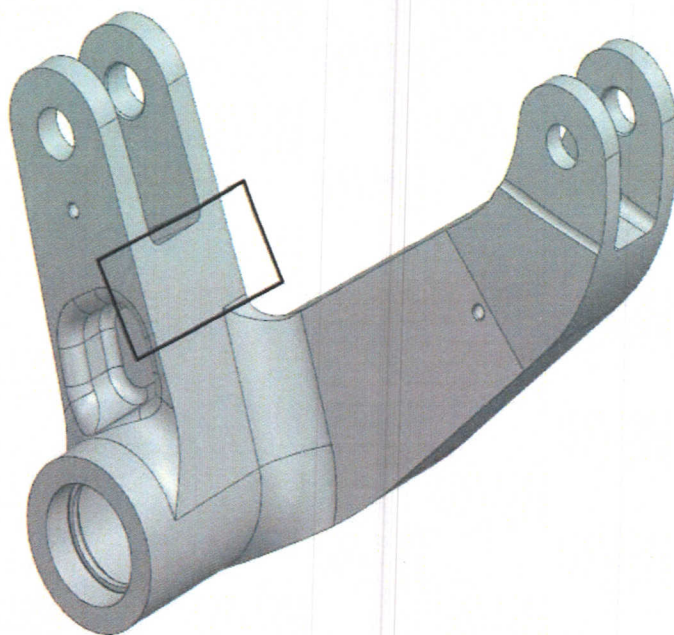


Fig.2

3. After completing the procedure, make sure no foreign objects are present in the gearbox, engine and APU sections. Close the cowls.

Test equipment	Tools and implements	Expendable Materials
	Portable lamp ПЛ-64-Р2. Magnifying glass ЛПП-1-7 ТУ3-3.227-77. Step ladder 8AT-9919-00. Mirror 8AT-9107-01. Combination pliers ГОСТ5547-93. Screwdriver L-250 ГОСТ17199-88. Key wrench S-14x17 ГОСТ2839-80. Multi-purpose mobile set УПГ-250ГМ.	Nefras-C50/170 ГОСТ 8505-80, Cotton cloth ГОСТ 29298- 2005, Wire 0,8 TC-12X18H10T.

TECHNICAL SOLUTION No. HCB-KB-1.2-3ЧУ(3ПУ)-2026

on inspecting directional control bellcrank 184.5104.021 in Mi-8MTV-1, Mi-8AMT, Mi-171, Mi-171A1, Mi-171A2, Mi-171A3 type helicopters and their modifications.

Based on the information, provided to Helicopters Mil and Kamov, JSC with respect to the aviation incident, occurred to Mi-171 helicopter, registration number OB-2019P, operated by Helisur aviation company, Peru (deterioration of directional control bellcrank 184.5104.021 during flight), taking into account the letter No. 17915-110 from Kazan Helicopters, JSC, dated 16.06.2026, in order to ensure safe flight for the fleet of Mi-8MTV-1, Mi-8AMT, Mi-171, Mi-171A1, Mi-171A2, Mi-171A3 type helicopters and their modifications, as well as in addition to the Technical Solution No. HCB-KB-1.2-3ЧУ(2ПУ)-2026 the following

SOLUTION is made:

1. For organizations operating and providing maintenance to the helicopters to demount the directional control bellcranks **184.5104.020 (assembly unit composed of bellcrank 184.5104.021 with bushings and bearings)** of batch no. H₃06, H₃10, H₃15, H₃18, H₃19, H₃22, H₃23, H₃26, H₃27, H₃29, H₃30, H₃32, H₃35, H₃37, H₃41, H₃44, H₃47, H₃48, H₃50 and replace with the bellcranks of the first category.

184.5104.020

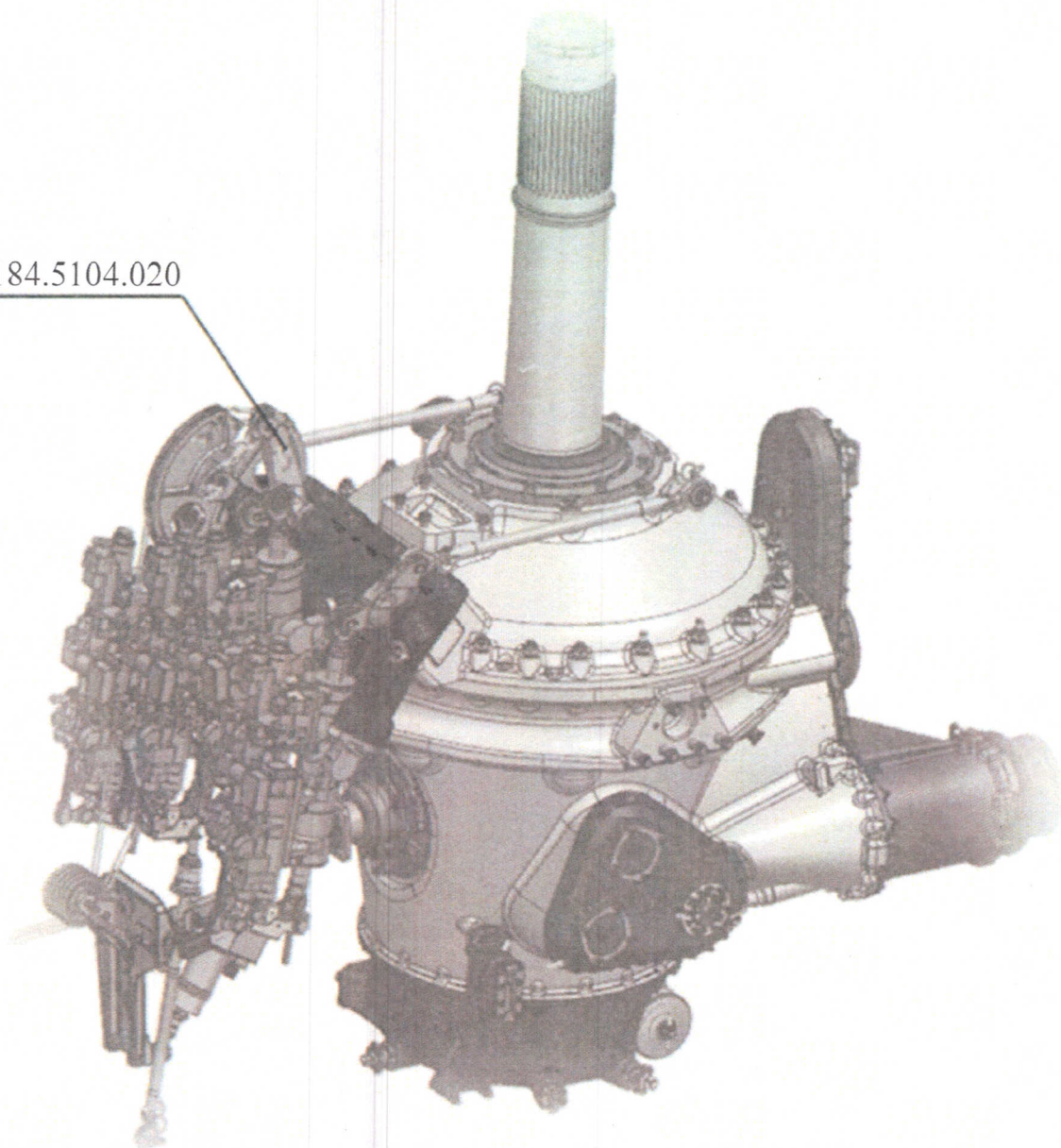


Fig.1 – Directional control bellcrank 184.5104.020 position.

2. It is forbidden to operate the helicopters with the bellcranks 184.5104.021 of batch no. H₃06, H₃10, H₃15, H₃18, H₃19, H₃22, H₃23, H₃26, H₃27, H₃29, H₃30, H₃32, H₃35, H₃37, H₃41, H₃44, H₃47, H₃48, H₃50.

3. To proceed with the works on the Technical Solution No. НЦВ-КБ-1.2-ЗЧУ(2ПУ)-2026.

4. To send the bellcranks demounted in accordance with paragraph 1 to Helicopters Mil and Kamov, JSC for inspection.

5. To not perform inspections (works) on the Technical Solution on Mi-8 (Mi-8T) type helicopters with the directional control bellcrank 8A.5200.136 installed.

Chief Designer for Aftersales Support

A.M. Soldatov