



नागर विमानन महानिदेशालय
DIRECTORATE GENERAL OF
CIVIL AVIATION

MEDICAL DIRECTORATE, DGCA INDIA – PAST MILESTONES, RECENT ACHIVEMENTS AND FUTURE HORIZONS

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SEQUENCE

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- Past Milestones
- Aircrew Medicals Data
- Medical Cell Workload
- Recent achievements
- Regulatory Challenges
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INTRODUCTION

- **Medical directorate, DGCA India**

- Medical regulatory body
- Deals with – C11,2 and 3 Licence Medicals
- Medical Policy
- Regulatory oversight

- **Indian Aviation Industry**

- Exponential growth
- Aircrafts-400 to 800
- Airports – 74 to 157
- UDAN scheme



PAST MILESTONES

- **Med Dte DGCA-**

- Under dual control of IAF and DG (CA)
- Transition of Heads - ADGMS –DDMS-JDMS (CA) – DMS (CA)
- Initial Medicals – C1 1 and 2 only
- C1 3 type (ATCO) added in 2021

- **Medical Centers**

- Initial – only IAF centers
- Later – Empanelled Medical Examiners and civil centers

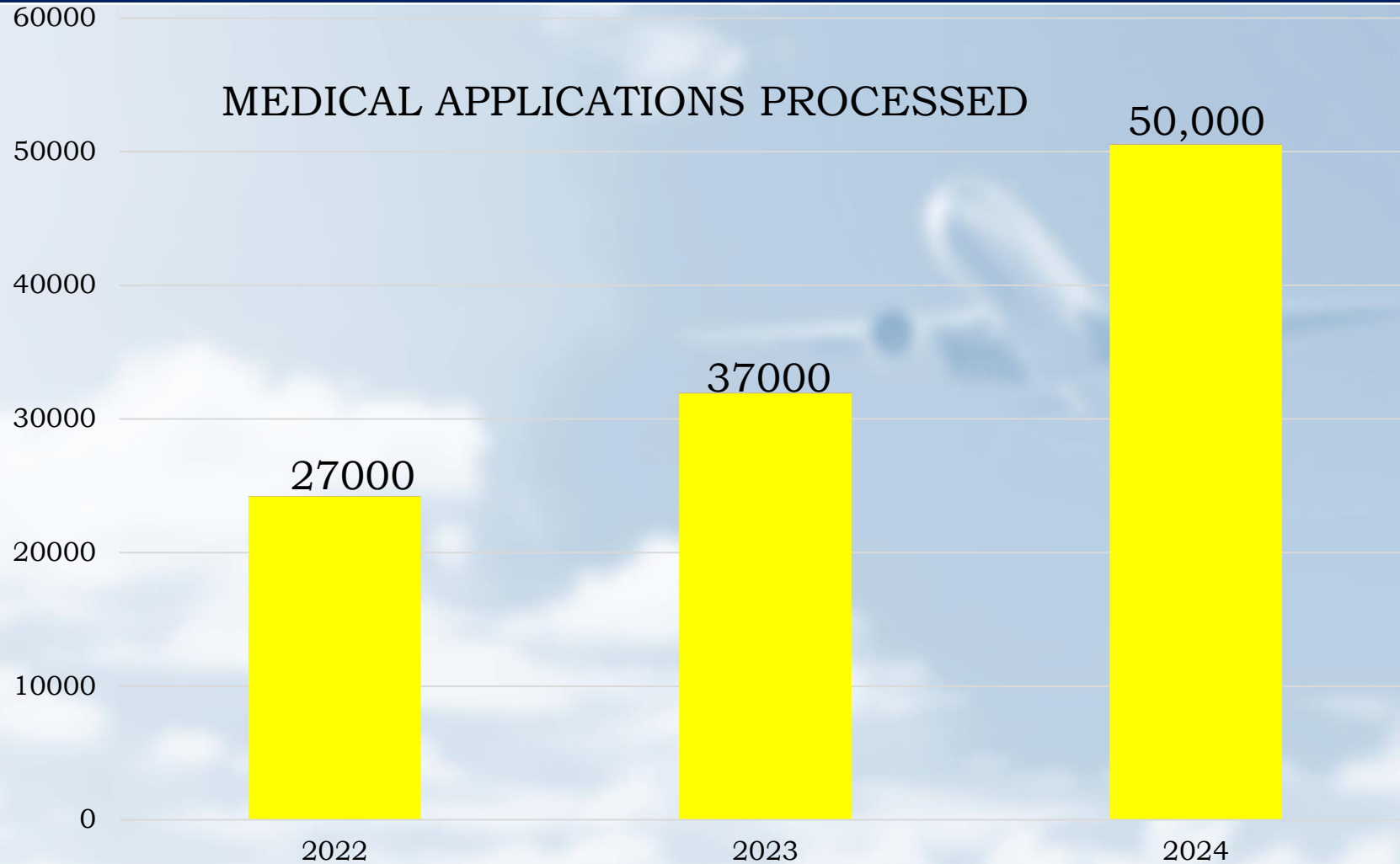


PAST MILESTONES

- **ICAO audit 2018**
 - Observations raised on manpower shortage
 - Restructuring – 05 additional medical Assessor posts created over 04
- **Civil Aviation Requirements (CARs)**
 - Medical CARs – since 2017
 - Deals with regulatory procedures and oversight
 - Total of 4 now
- **Aeronautical Information Circulars (AICs)**
 - Medical AICs – since 2008
 - Deals with Disposal of aircrew with diseases
 - Total of 07 now



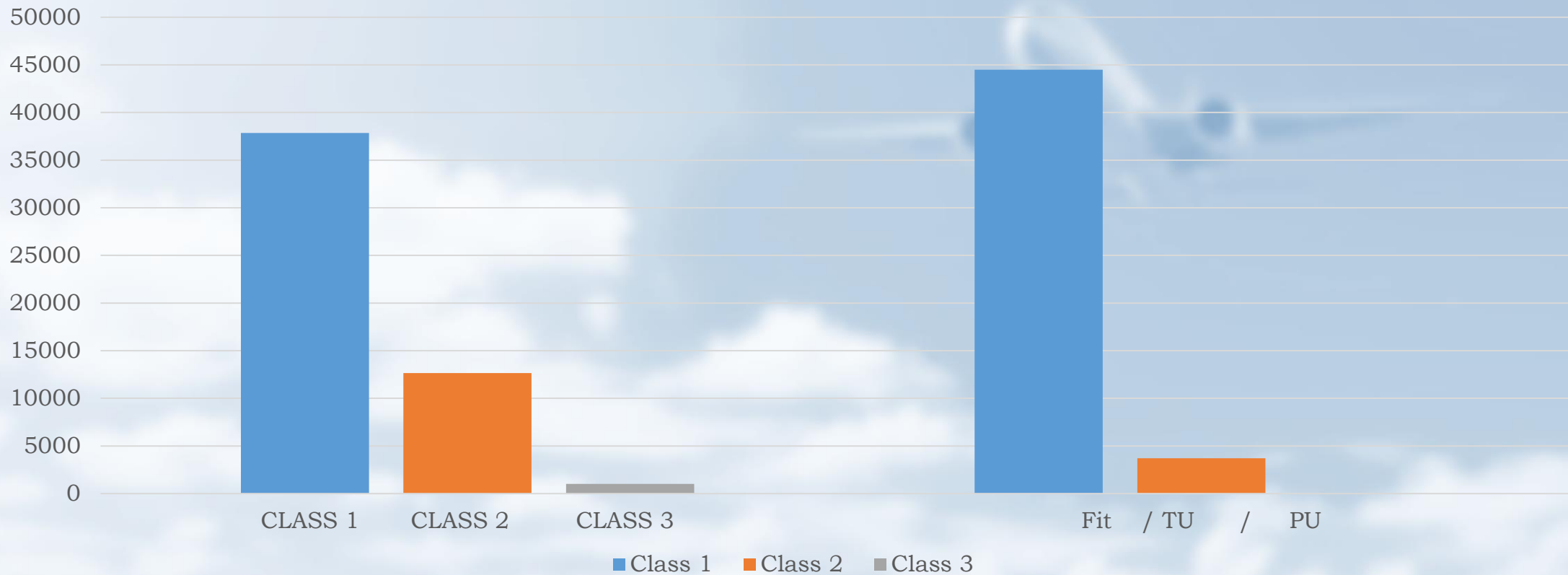
AIRCREW MEDICAL DATA





AIRCREW MEDICAL DATA

Distribution of workload





RECENT ACHIEVEMENTS

- **Medical Circulars**

- Few circulars in last 3 years
- Topics - Substance abuse, Mental Health Promotion, Narcotic testing, Over The counter drugs, Aeromedical Evaluation of Transgender

- **Online eGCA portal for Medicals**

- Online medicals since 2022
- **Advantages**
 - Reduced processing time
 - Convenience
 - Smoothness
 - Transparency and accountability

- **Approval of Civil centres for aircrew medicals**

- 05 more civil centers approved
- Will decongest IAF centers



FUTURE HORIZONS

- **Enhancements of eGCA online portal**
 - Software enhancements
- **Revision and formulation of new Civil Aviation Requirements (CAR)**
 - Better regulatory oversight
 - To keep pace with Global practices
 - Already under progress
- **Revision and formulation of Medical Aeronautical Information Circulars (AICs)**
 - Broad guidelines for Aeromedical decision making
 - 14 AICs under formulation covering all systems



FUTURE HORIZONS

- **Manual of Civil Aviation Medicine India**
 - Compilation of all medical AICs
 - Akin to ICAO document 8984
 - Will cover all systems
- **Civil Aeromedical evaluation Centres**
 - More private centers under approval
 - Will decongest IAF centers
- **Self-Reliance of Medical Directorate, DGCA India**
 - Transition from IAF to civil sector
 - Restructuring of Medical Directorate



DGCA INDIA: REGULATORY CHALLENGES

eGCA (e-Governance for Civil Aviation)

Archaic Medical Standards

Manual or Guide

Self Medications

Substance Abuse

Mental Health

Workload vs manpower



THE FLIGHT AHEAD

Expanding
Panel of
Medical
Examiners

Adding Medical
Centres

Increasing
Medical
Assessors

Robust Policies
& Manuals

eGCA
Enhancements

Refresher
Training



IMPACT OF QUALITY OF MEDICAL REGULATION ON FLIGHT SAFETY

- Overt or subtle
- Recognized or not recognized
- Appreciated or not appreciated
- **But, need to be**
 - Relentlessly pursued as a dogma
 - Made a convention
- Collaboration between aviation industry & medical professionals highlights a comprehensive approach to health and safety, one that prioritizes the well-being of every individual on board
- **Its our commitment as a cog in the wheel of safety**

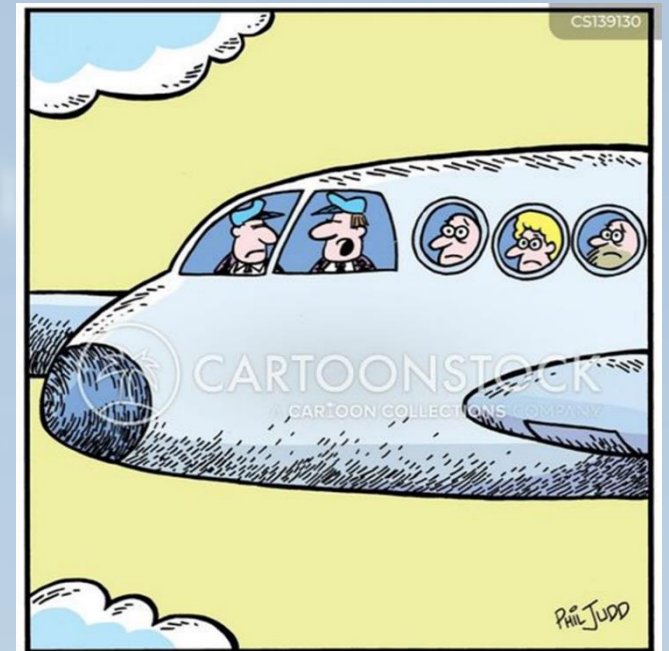


CONCLUSION

- DGCA Medical Cell – evolved over many years
- Dual control – IAF and Civil
- Aviation Exponential growth – parallel pressure on Medical services
- Efforts taken and underway to match up with Global standards
- Restructuring of Medical cell underway
- Goal – Efficient, transparent, accountable Medical support to enhance flight safety



HAPPY MEDICALS



"Oh No! I forgot my driving glasses! What!
You too? Now what are we going to do?"