

# Specification for Ophthalmic Reports



The European Regulations and UK CAA's Guidance Material for fitness decision, acceptable treatments and required investigations (if specified) can be found in the medical section of the CAA website ([www.caa.co.uk](http://www.caa.co.uk)). For many conditions, there are also flow charts available for guidance on the assessment process.

The following sub-headings are for guidance purposes only and should not be taken as an exhaustive list.

## 1. Diagnoses

## 2. History

- Presenting symptoms
- Nature of condition, circumstances surrounding onset, precipitating factors
- Other relevant medical history

## 3. Examination and Investigation findings

- Clinical findings
  - Uncorrected visual acuities (R,L, both) - distant (6m), intermediate (1m) and near (30-50cm)
  - Corrected visual acuities (R,L, both) - distant (6m), intermediate (1m) and near (30-50cm)
  - Current refractive error
  - Impairment or loss of function
  - Clinical findings (as applicable)
    - Retinal examination
    - Slit lamp examination
    - Fusion ability (state method used in examination)
  - Visual fields
    - HFA 24-2 or 30-2 fields
    - Monocular and binocular Esterman visual fields required when field loss present
- Surgical reports (see below)
- Other relevant procedures and investigation reports

## 4. Treatment

- Recent past and ongoing treatment must be detailed
- Ocular and other current and recent past medications (name, dose, start and finish dates, frequency)

## 5. Follow up and further investigations/referrals planned or recommended

- Anticipated follow up/frequency of clinical reviews and investigations
- Degree of recovery from the condition

## 6. Clinical Implications

- Any concerns regarding disease progression, treatment compliance or risk of sudden incapacity

Please refer to the attachment for details of further information required in certain specified conditions. Minimum recertification periods may be found on the vision section of the website. Ophthalmic assessment at Aviation House, Gatwick and a Medical Flight Test may be required.

## **Ocular Hypertension, Glaucoma and Pigment Dispersion Syndrome**

- Visual fields
- Optic disc assessment
- Intra ocular pressures
- Anterior angle assessment

## **Keratoconus**

- Specify treatment (spectacles, contact lens supervision, cross linking, corneal transplant)
- Corneal topographies (colour copy)

## **Vascular Conditions (BRVO, AION, CRVO, BRAO, CRAO, Amaurosis Fugax)**

- Esterman visual fields – right, left and binocular field results required
- Intra ocular pressures
- Cardiovascular Review (refer to Coronary Artery Disease Flow chart) to include
  - FBC, ESR, Thrombophilia screen
  - Temporal artery biopsy, carotid doppler, echocardiogram

## **Phorias and Tropias**

- Orthoptic Report Required

## **Eye Surgery Reports** (from ophthalmic surgeon who carried out surgery)

- Date of surgery
- Intra operative or post operative complications
- Comment on relevant clinical findings
  - Ocular discomfort or diplopia
  - Corneal haze or other median opacities
  - Symptoms of glare, photophobia or other dysphotopic symptoms
  - Night vision issues
- **Cataract Surgery**
  - Type of surgery (phacoemulsification or extracapsular)
  - Type of intraocular lens implant used
  - Post capsular thickening and YAG laser treatment (if applicable)
- **Refractive Surgery and Collagen Cross Linking**
  - Type of surgery (LASIK, LASEK, PRK, Collagen Cross Linking, other)
  - Pre-operative refractions
  - Post-operative refractions
    - months 2 and 3 following LASIK
    - months 3 and 6 following LASEK
  - Glare sensitivity
  - Corneal topographies (Collagen Cross Linking)
  - Mesopic Contrast Sensitivity (Class 1 & 3 applicants attend Gatwick for assessment)
- **Retinal Detachment/Par Planus Vitrectomy – Laser Retinopexy**
  - Type of surgery (gas or silicone oil)
  - Residual field defect
  - Risk of recurrence

Follow-up reports, to include visual field test results are required for many eye conditions in order to maintain medical certification in the aviation environment.