INDEX

1.0 AVIATION PHYSICAL STANDARDS
1.1 Introduction
1.2 General Requirements
1.3 Purpose of this Guide
1.4 Classes of Aviation Personnel
1.5 Class I Standards
1.6 Student Naval Aviator Applicant (SNA) Standards
1.7 Designated Naval Flight Officer (NFO) Standards
1.8 Applicant Student Naval Flight Officer Standards
1.9 Designated Standards for:
   - Naval Flight Surgeon
   - Naval Aeromedical Physician Assistant
   - Naval Aerospace Physiologist
   - Naval Aerospace Experimental Psychologist
   - Naval Aerospace Optometrist
1.10 Applicant Standards for:
   - Naval Flight Surgeon
   - Naval Aeromedical Physician Assistant
   - Naval Aerospace Physiologist
   - Naval Aerospace Experimental Psychologist
   - Naval Aerospace Optometrist
1.11 Designated and Applicant Naval Aircrew (Fixed-Wing) Standards
1.12 Designated and Applicant Naval Aircrew (Rotary-Wing) Standards
1.13 Class III Personnel Non-disqualifying Conditions
1.14 Designated and Applicant Air Traffic Controller Standards
   - Military and Department of the Navy Civilians
1.15 Critical Flight Deck Operators Standards
   - Director, Spotter, Checker
   - Non-Pilot Landing Safety Operator
   - Helicopter Control Officer
   - Other Personnel Designated by the Unit Commander
1.16 Non-Critical Flight Deck Personnel Standards
1.17 Personnel who Maintain Aviator Night Vision Systems Standards
1.18 Selected Passengers, Project Specialists, Other Personnel
1.19 Naval Aviation Water Survival Training Instructors (NAWSTI) and Rescue Swimmer School
   Training Programs Standards
1.20 Class IV Personnel: Applicant Active Duty and DON/DOD-GS Unmanned Aircraft Systems (UAS)
   Operator Standards [Air Vehicle Operators (AVO), Sensor Operators (SO), Mission Payload
   Operators (MPO) and Unmanned Aircraft Systems Commanders (UAC)]
1.21 Applicant Checklist
1.22 Designated Checklist

2.0 WAIVERS FOR PHYSICAL STANDARDS
2.1 Introduction
2.2 General Requirements
2.3 Granting Authority
2.4 Requesting Authority
2.5 Routing of Waiver Requests
2.6 Waiver Submission Requirements
2.7 Waiver Continuation
2.8 Aeromedical Clearance
2.9 Local Board of Flight Surgeons
2.10 Special Board of Flight Surgeons
2.11 Senior Board of Flight Surgeons
2.12 Aeromedical Summary
2.13 How to Submit a Waiver Request
2.14 How to Check on the Status of a Waiver Request

3.0 CARDIOLOGY
3.1 Aortic Insufficiency
3.2 Aortic Stenosis
3.3 Mitral Regurgitation
3.4 Mitral Stenosis
3.5 Mitral Valve Prolapse
3.6 Valvular Conditions (Other)
3.7 Arrhythmias (PAC/PVC/Other)
3.8 Atrial Fibrillation (AFIB)
3.9 Atrial Flutter (AF)
3.10 Atrial Septal Defects (ASD)/Patent Foramen Ovale
3.11 Atrioventricular Conduction Disturbances
3.12 Coronary Artery Disease (CAD)
3.13 Hyperlipidemia
3.14 Hypertension
3.15 Hypertrophic Cardiomyopathy
3.16 Intraventricular Conduction Abnormalities
3.17 Left Ventricular Hypertrophy
3.18 Pericarditis
3.19 Pre-Excitation Syndromes
3.20 Sinus Bradycardia
3.21 Sinus Tachycardia
3.22 Supraventricular Tachycardia
3.23 Thrombophilia/Venous Thrombosis/Pulmonary Embolism
3.24 Ventricular Tachycardia
3.25 Raynaud's Phenomenon
3.26 Prolonged QT Interval and Long QT Syndrome

4.0 DERMATOLOGY
4.1 Acne
4.2 Dermatitis
4.3 Dermatophytosis of the Nail
4.4 Psoriasis

5.0 ENDOCRINOLOGY
5.1 Diabetes Mellitus
5.2 Gout
5.3 Hyperthyroidism
5.4 Hypothyroidism
5.5 Male Hypogonadism
5.6 Pituitary Tumors

6.0 EAR NOSE AND THROAT
6.1 Allergic/Vasomotor Rhinitis
6.2 Allergic Rhinitis Worksheet
6.3 Chronic Sinusitis, Sinus Surgery
6.4 Nasal/Sinus Polyps
6.5 Disorders of the Salivary Glands
6.6 Hearing Loss/Stapedectomy (or Stapedotomy)
6.7 Meniere’s Disease/Vertigo
6.8 Cholesteatoma
6.9 Vestibular Schwannoma/Acoustic Neuroma
6.10 Oval/Round Window Fistula
6.11 Surgical Procedures that do not require a Waiver

7.0 GASTROENTEROLOGY
7.1 Eosinophilic Esophagitis (EoE)/PPI-Responsive Esophageal Eosinophilia (PPI-Ree)
7.2 Crohn’s Disease
7.3 Diverticular Disease (Diverticulitis)
7.4 Cholelithiasis and Cholecystitis
7.5 Gastritis, Duodenitis
7.6 Gilbert’s Syndrome
7.7 Viral Hepatitis
7.8 Irritable Bowel Syndrome
7.9 Peptic Ulcer Disease
7.10 Gastroesophageal Reflux Disease (GERD) & Hiatal Hernia
7.11 Ulcerative Colitis

8.0 HEMATOLOGY
8.1 Anemia
8.2 Hemochromatosis
8.3 Sickle Cell Disease/Trait
8.4 Splenectomy
8.5 Thalassemias

9.0 MALIGNANCIES
9.1 General Information
9.2 Bladder Cancer
9.3 Breast Cancer
9.4 Cervical Cancer
9.5 Colorectal Carcinoma
9.6 Other Gastrointestinal Tumors
9.7 Hodgkin’s Disease
9.8 Kidney Tumors
9.9 Laryngeal Cancer
9.10 Leukemia
9.11 Lung Cancer
9.12 Malignant Melanoma
9.13 Neurological Tumors
9.14 Non-Hodgkins Lymphoma
9.15 Oral Cavity Cancer
9.16 Ovarian Tumors
9.17 Pituitary Tumors
9.18 Plasma Cell Dyscrasias
9.19 Prostate Cancer
9.20 Skin Cancer (Non-Melanoma)
9.21 Testicular Tumors
9.22 Thyroid Carcinoma
9.23 Uterine Cancer
10.0 NEUROLOGY
10.1 Cranial Neuralgia
10.2 Decompression Sickness
10.3 Epilepsy/Seizure
10.4 Guillain-Barre Syndrome (Acute Inflammatory Demyelinating Polyneuropathy – AIDP)
10.5 Headaches and Migraine (including Headache Algorithm)
10.6 Multiple Sclerosis
10.7 Peripheral Neuropathy
10.8 Subarachnoid Hemorrhage (SAH)
10.9 Syncope
10.10 Sleep Disorders
10.11 Obstructive Sleep Apnea
10.12 Transient Ischemic Attack (TIA)
10.13 Traumatic Brain Injury – Minor
10.14 Traumatic Brain Injury – Mild
10.15 Traumatic Brain Injury – Moderate
10.16 Traumatic Brain Injury – Severe
10.17 Traumatic Brain Injury – Permanently Disqualified
10.18 Summary: Aeromedical Disposition of Traumatic Brain Injuries

11.0 OBSTETRICS AND GYNECOLOGY
11.1 Chronic Pelvic Pain
11.2 Dysplasia (Revised June 2014)
11.3 Endometriosis
11.4 Hormonal Replacement Therapy and Contraception
11.5 Pelvic Inflammatory Disease
11.6 Pregnancy

12.0 OPHTHALMOLOGY
12.1 Cataract
12.2 Color Vision Abnormalities
12.3 Decreased Visual Acuity
12.4 Defective Depth Perception/Stereo Vision/Stereopsis
12.5 History of Strabismus Surgery
12.6 Excessive Phorias
12.7 Retinal Detachment
12.8 Glaucoma and Ocular Hypertension
12.9 Keratoconus, Pellucid Marginal Degeneration, or Corneal Ectasias
12.10 Optic Disc Drusen
12.11 Retinal Vascular Occlusion
12.12 Uveitis / Iritis
12.13 Pterygium
12.14 Ocular Motility Worksheet now located in Appendix B
12.15 Corneal Refractive Surgery (PRK/LASIK/SmILE/ICL)
12.16 Naval Aviation Contact Lens Policy
12.17 Allergic Conjunctivitis
12.18 Central Serous Retinopathy
12.19 Pigment Dispersion Syndrome
12.20 Retinal Degeneration, Hyperpigmentation and Holes
12.21 Corneal Dystrophies and Degenerations
12.22 Recurrent Corneal Erosion

13.0 ORTHOPEDICS
13.1 Abnormal Spinal Curvature
<table>
<thead>
<tr>
<th>Section</th>
<th>Condition</th>
</tr>
</thead>
<tbody>
<tr>
<td>13.2</td>
<td>Ankylosing Spondylitis</td>
</tr>
<tr>
<td>13.3</td>
<td>Chronic Backache</td>
</tr>
<tr>
<td>13.4</td>
<td>Intervertebral Disc Disease</td>
</tr>
<tr>
<td>13.5.1</td>
<td>Knees: Ligament</td>
</tr>
<tr>
<td>13.5.2</td>
<td>Knees: Meniscal Injuries</td>
</tr>
<tr>
<td>13.6</td>
<td>Orthopedic Hardware, Retained</td>
</tr>
<tr>
<td>13.7</td>
<td>Shoulder Dislocation</td>
</tr>
<tr>
<td>13.8</td>
<td>Spinal Fractures</td>
</tr>
<tr>
<td>13.9</td>
<td>Spondylolisthesis</td>
</tr>
<tr>
<td>13.10</td>
<td>Spondylolysis</td>
</tr>
<tr>
<td>14.0</td>
<td>PSYCHIATRY</td>
</tr>
<tr>
<td>14.1</td>
<td>Neurodevelopmental Disorders (e.g., Specific Learning Disorder, Attention Deficit/Hyperactivity Disorder)</td>
</tr>
<tr>
<td>14.2</td>
<td>Schizophrenia Spectrum and Other Psychotic Disorders</td>
</tr>
<tr>
<td>14.3</td>
<td>Bipolar and Related Disorders</td>
</tr>
<tr>
<td>14.4</td>
<td>Depressive Disorders</td>
</tr>
<tr>
<td>14.5</td>
<td>Anxiety Disorders</td>
</tr>
<tr>
<td>14.6</td>
<td>Obsessive-Compulsive Disorder and Related Disorders</td>
</tr>
<tr>
<td>14.7</td>
<td>Trauma- and Stressor-Related Disorders</td>
</tr>
<tr>
<td>14.8</td>
<td>Somatic Symptom and Related Disorders</td>
</tr>
<tr>
<td>14.9</td>
<td>Feeding and Eating Disorders</td>
</tr>
<tr>
<td>14.10</td>
<td>Sleep/Wake Disorders</td>
</tr>
<tr>
<td>14.11</td>
<td>Sexual Dysfunctions and Paraphilias</td>
</tr>
<tr>
<td>14.12</td>
<td>Disruptive, Impulse-Control, and Conduct Disorders</td>
</tr>
<tr>
<td>14.13</td>
<td>Substance-Related and Addictive Disorders</td>
</tr>
<tr>
<td>14.14</td>
<td>Personality Disorders</td>
</tr>
<tr>
<td>14.15</td>
<td>Other Conditions That May Be a Focus of Clinical Attention</td>
</tr>
<tr>
<td>15.0</td>
<td>RESPIRATORY</td>
</tr>
<tr>
<td>15.1</td>
<td>Asthma</td>
</tr>
<tr>
<td>15.2</td>
<td>Chronic Obstructive Pulmonary Disease</td>
</tr>
<tr>
<td>15.3</td>
<td>Pneumothorax</td>
</tr>
<tr>
<td>15.4</td>
<td>Sarcoïdosis</td>
</tr>
<tr>
<td>15.5</td>
<td>COVID-19 Return to Flight Guidelines</td>
</tr>
<tr>
<td>16.0</td>
<td>UROLOGY</td>
</tr>
<tr>
<td>16.1</td>
<td>Congenital Abnormalities of the Kidneys</td>
</tr>
<tr>
<td>16.2</td>
<td>Hematuria</td>
</tr>
<tr>
<td>16.3</td>
<td>Prostatitis</td>
</tr>
<tr>
<td>16.4</td>
<td>Benign Prostatic Hypertrophy</td>
</tr>
<tr>
<td>16.5</td>
<td>Reiter's Disease</td>
</tr>
<tr>
<td>16.6</td>
<td>Renal Stones</td>
</tr>
<tr>
<td>16.7</td>
<td>Proteinuria</td>
</tr>
<tr>
<td>17.0</td>
<td>MISCELLANEOUS CONDITIONS</td>
</tr>
<tr>
<td>17.1</td>
<td>Allergic Reactions to Insects</td>
</tr>
<tr>
<td>17.2</td>
<td>Breast Implants and Surgery</td>
</tr>
<tr>
<td>17.3</td>
<td>Heat Exhaustion/Stroke</td>
</tr>
<tr>
<td>17.3A</td>
<td>Rhabdomyolysis</td>
</tr>
<tr>
<td>17.4</td>
<td>Human Immunodeficiency Virus (HIV) Infection</td>
</tr>
<tr>
<td>17.4.1</td>
<td>Truvada® Pre-exposure Prophylaxis (PREP) to Prevent HIV Infection</td>
</tr>
<tr>
<td>17.5</td>
<td>Lyme Disease</td>
</tr>
<tr>
<td>17.6</td>
<td>Motion Sickness/Air Sickness</td>
</tr>
<tr>
<td>17.7</td>
<td>Bone Marrow Donation</td>
</tr>
</tbody>
</table>
17.8 Malaria
17.9 Urticaria, Angioedema & Anaphylaxis
17.10 Reactive Arthritis, Conjunctivitis, Urethritis

18.0 MEDICATIONS
18.1 NATOPS on Medication
18.2 Anti-Microbial
   Anti-Bacterials
       Anti-malarials
       Fluoroquinolones
       Macrolides
       Penicillins
       Sulfonamides
       Tetracyclines
   Anti Fungal medications
       Grisofulvin
       Itraconazole (Sporanox)
       Terbinafine (Lamisil)
   Anti-Viral Medications
       Acyclovir, Valacyclovir
       Oseltamivir (Tamiflu),
       Zanamivir (Relenza)
18.3 Anti-Hyperlipidemics
   Ezetemibia (zetia)
   Fibric Acids
       Fenofibrate (tricor); Gemfibrozil (lovid)
       Niacin
   Resins
       Cholestryramine
   Statins
       Pravastatin
       Simvastatin
       Lovastatin
       Atorvastatin
18.4 Anti-Hypertensives
   ACE Inhibitors
   Angiotensin Receptor Blockers
   Anti-Adrenergic Agents
       Doxazosin
       Prazosin
   Beta Blockers
   Calcium Channel Blockers
       Amilodipine
       Nifedipine
   Combination Agents
   Thiazide Diuretics
       Hydrochlorothiazide
18.5 Immunizations
   Vaccine Adverse Event Reporting System (VAERS)
   Anthrax, Cholera, Diphtheria-tetanus, Hepatitis A/B
   Influenza (injectable, Flumist)
   Japanese Encephalitis, Measles/Mumps/Rubella (MMR)
   Meningococcal, Plague, Pneumovax (PPV23)
   Polio, SARS-CoV-2 (COVID-19), Small
   Pox, Typhoid/Oral Typhoid, Yellow
   Fever
18.6 Miscellaneous Medications
Allopurinol
Antihistamine (Sedating, Non-Sedating)
Clomiphene
Contraceptives
Decongestants
Finasteride
H2 Blockers
Inhaled Steroids
Isoretinoin
Levothyroxine
Lindane
Mesalamine
Minoxidil
Nedocromil
Nasal Steroids
Nicroette Gum, Nicotine Transdermal System
Non-Steroidal Anti-Inflammatory Drugs
Phosphodiesterase Inhibitors
Probenecid
Proton Pump Inhibitors
Sucralfate
Sulfasalazine
Tamoxifen
Topical Compounds

18.7 Psychotropic Medications

19.0 NUTRITIONAL AND ERGOGENIC SUPPLEMENTS
19.1 Aircrew Guidance and Policy
19.2 General Dietary Supplementation Guidelines
19.3 Flight Surgeon, Aviation Medical Examiner and Aeromedical Physician Assistant Responsibilities
19.4 Dietary Supplement Policy
19.5 Class C Supplement List by Effect
19.6 General Guidance for newly Developed Dietary Substances
19.7 Additional Resources
19.8 Printed Resources