



U.S. AIR FORCE

USAF- AIRCREW SOFT CONTACT LENS PROGRAM

In Accordance With

AFI 48-123, para 6.19 (05 NOV 2013)



IAW

AFI 48-123 (05 NOV 2013), para 6.19



U.S. AIR FORCE

USAF- AIRCREW SOFT CONTACT LENS PROGRAM

In Accordance With

AFI 48-123, para 6.19 (05 NOV 2013)



Aircrew are authorized to use soft contact lenses (SCLs) for vision correction provided they are in compliance with the requirements detailed in the USAF Aircrew Soft Contact Lens (ACSCL) Program .

Routine use of soft contact lenses do not require aeromedical waiver if criteria of USAF Aircrew Soft Contact Lens (ACSCL) Program are met.

The use of contact lenses is ***voluntary***, however program compliance is ***Mandatory*** for:

- Flying Class I/IA electing to wear contact lenses, ***on or off duty.***
- Flying Class II/IIU/III ***only if they use contacts for in-flight duties.*** They are encouraged to follow the program if they wear SCLs at any other time.

See AFI 48-123, para 6.19. – 6.19.2.3. for more details

Integrity - Service - Excellence



US

U.S. AIR FORCE

USAF A

1. Use app

APPROVED CONTACT LENSES / SOLUTIONS: 2018

1. Disposable/Frequent Replacement/Multi-Packaged

<u>TRADE NAME</u>	<u>COMPANY</u>
Air Optix Aqua/Plus Hydraglyde	Alcon
Air Optix for Astigmatism	Alcon
Air Optix Night & Day Aqua	Alcon
Dailies Total 1	Alcon
PureVision Sph and Toric	Bausch + Lomb
PureVision2 Sph and Astig	Bausch + Lomb
SofLens Daily Disposable Sph and Astig	Bausch + Lomb
Ultra	Bausch + Lomb
Avaira (Vitality) Sph and Toric	CooperVision
Biofinity Sph and Toric DW/EW	CooperVision
Biomedics 55 UV Sph and Toric DW/EW	CooperVision
Frequency 55 Aspheric and Toric FW	CooperVision
Acuvue 2	Johnson & Johnson
Acuvue Oasys Sph and Astig	Johnson & Johnson
Acuvue Oasys 1-Day Sph and Astig	Johnson & Johnson
Acuvue Vita	Johnson & Johnson
1•Day Acuvue (TruEye & Moist) Sph/Astig	Johnson & Johnson

2. Conventional Toric

Hydrasoft Toric DW/EW	CooperVision
-----------------------	--------------

3. Disinfection systems: AOSEPT or Clear Care by Alcon
Oxysept UltraCare by Abbott Medical Optics (AMO)

4. SCL Lubricating/Rewetting Drops, SCL Daily Cleaner, Saline Rinse: Any brand as long as all solutions used are from the same manufacturer.

AM



eria

on KX)



U.S. AIR FORCE

USAF- AIRCREW SOFT CONTACT LENS PROGRAM

In Accordance With

AFI 48-123, para 6.19 (05 NOV 2013)



USAF Aircrew Soft Contact Lens (ACSCL) Program Criteria

2. Use approved contact lens solutions.



Integrity - Service - Excellence



U.S. AIR FORCE

USAF- AIRCREW SOFT CONTACT LENS PROGRAM

In Accordance With

AFI 48-123, para 6.19 (05 NOV 2013)



USAF Aircrew Soft Contact Lens (ACSCL) Program Criteria

3. **Maintain currency**

- Mandatory Fitting and Follow-up:
 - Initial Fitting must have f/u at 7 days, 1 month, and 12 months. Member cannot wear lenses for flying during the first 7 days of wear.
 - Experienced wearers (>6 months wear) can be seen annually
- Contact lenses must never be worn during sleep or for more than 24 hours, unless operationally required.

Integrity - Service - Excellence



U.S. AIR FORCE

USAF- AIRCREW SOFT CONTACT LENS PROGRAM

In Accordance With

AFI 48-123, para 6.19 (05 NOV 2013)



USAF Aircrew Soft Contact Lens (ACSCL) Program Criteria

4. All Aircrew must

- Meet all vision standards with contact lenses
- Have no more than 2.00 D of astigmatism on spectacle Rx
- Carry at least 2 pairs of back up spectacles in flight

Integrity - Service - Excellence



U.S. AIR FORCE

USAF- AIRCREW SOFT CONTACT LENS PROGRAM

In Accordance With

AFI 48-123, para 6.19 (05 NOV 2013)



Why have an approved list?

- Less than 60% water to prevent dehydration
- Logistics of supporting all possible lenses on market
 - Over 100 lens manufacturers in the U.S.
- Allows optometrist to be familiar with lenses fit by other providers

How is list determined?

- Air Force Optometry Consultant polls ODs yearly
 - New products added as need arises
 - Old products removed if no longer being used

Integrity - Service - Excellence



U.S. AIR FORCE

USAF- AIRCREW SOFT CONTACT LENS PROGRAM

In Accordance With

AFI 48-123, para 6.19 (05 NOV 2013)



Specialty or medically required lenses must be authorized by aeromedical waiver

These include:

- Rigid lenses for irregular corneas (i.e. keratoconus)
- Astigmatism > 2.00 D
- Other lenses not on approved list

Use of bifocal contact lenses or monovision (one eye corrected for near, one eye for far) are **NOT** allowed.

Bifocals (flat top) may be worn over contact lenses as needed for near vision. Must be approved aircrew frame.

Integrity - Service - Excellence



USAF- AIRCREW SOFT CONTACT LENS PROGRAM

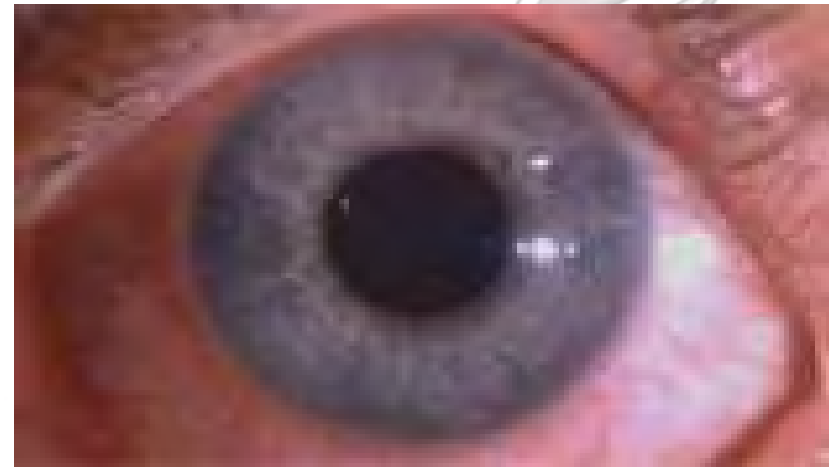
In Accordance With
AFI 48-123, para 6.19 (05 NOV 2013)



Complications associated with contact lens overwear



GPC (Giant Papillary Conjunctivitis)
Allergic response to SCL deposits



CLARE (Contact Lens induced Acute Red Eye)
Watery, irritation, blur



USAF- AIRCREW SOFT CONTACT LENS PROGRAM

In Accordance With
AFI 48-123, para 6.19 (05 NOV 2013)



Complications associated with contact lens overwear



Corneal Neovascularization – Typically asymptomatic

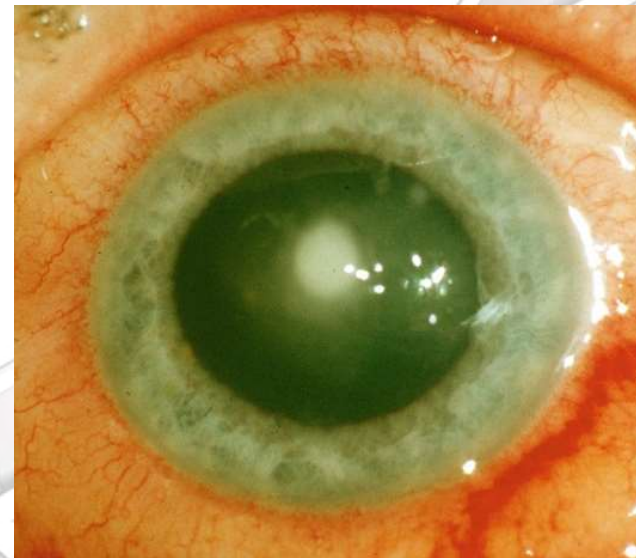


USAF- AIRCREW SOFT CONTACT LENS PROGRAM

In Accordance With
AFI 48-123, para 6.19 (05 NOV 2013)



Complications associated with contact lens overwear



Corneal Ulcer- moderate to severe pain, photophobia, blurred vision



U.S. AIR FORCE

USAF- AIRCREW SOFT CONTACT LENS PROGRAM

In Accordance With
AFI 48-123, para 6.19 (05 NOV 2013)



Complications associated with contact lens overwear



Dry eye – foreign body sensation, photophobia, blurred vision
*most common complication

Integrity - Service - Excellence



U.S. AIR FORCE

USAF- AIRCREW SOFT CONTACT LENS PROGRAM

In Accordance With

AFI 48-123, para 6.19 (05 NOV 2013)



ACSCL Program Administration

- Responsibility of the Flight Surgeon's Office (FSO)
- Aircrew requesting initial SCL fitting must notify FSO
- Aircrew wearing contact lenses must report use and any complications to FSO
 - Any complications must be reported within 72 hrs
 - Complications submitted on the ACSCL Incident Report Form found on the Kx
 - Forward the report to:

USAF Aircrew SCL Medical Surveillance Team

USAFSAM/FECO

2510 Fifth Street

Wright-Patterson AFB, OH 45433-7913

Email: USAFSAM.AP.Mgr@us.af.mil

Integrity - Service - Excellence



U.S. AIR FORCE

USAF- AIRCREW SOFT CONTACT LENS PROGRAM

In Accordance With

AFI 48-123, para 6.19 (05 NOV 2013)



ACSCL Program Administration

Funding:

- Flying squadron commander may purchase contact lenses and supplies with unit funds for FC II/IIU/III if operation justification to fly with contacts exists.
- FCI members are not authorized funding. Note that only UPT students who were fit with authorized contacts at least 6 months prior to UPT will be allowed to wear contacts during training.



U.S. AIR FORCE

USAF- AIRCREW SOFT CONTACT LENS PROGRAM

In Accordance With

AFI 48-123, para 6.19 (05 NOV 2013)



ACSCL Program Administration

Mobility:

- Deployed aircrew may wear contacts unless prohibited by AOR policy.
- If wearing disposable contacts, must carry 3 month supply of factory sealed lenses.
- Must carry 1 month supply of solution.
- Must have minimum of 2 pair clear and 2 pair prescription sunglasses
- Aircrew flight equipment retains responsibility to maintain USAF approved SCL solutions for deployment

Integrity - Service - Excellence



U.S. AIR FORCE

USAF- AIRCREW SOFT CONTACT LENS PROGRAM

In Accordance With

AFI 48-123, para 6.19 (05 NOV 2013)



Program information and references

USAF Aircrew Soft Contact Lens Program

<https://kx.afms.mil/kj/kx2/AFContactLensProgram/Pages/home.aspx>

USAF-Optometry

<https://kx.afms.mil/kj/kx6/OptometryOphthalmicTechnicians/Pages/home.aspx>

Integrity - Service - Excellence